



**Wooster City  
School District**

Inspiring World-Class Academic Achievement



# Wooster High School Course Selection Guide: 2012-2013



**Wooster High School | Anita Jorney-Gifford, *Principal***

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## REGISTRATION INFORMATION

### General Instructions

Read and study all of the information on these pages carefully before making out a schedule. Please be very certain that all necessary requirements have been met in order to graduate. It is recommended that classroom teachers be contacted with any questions concerning the courses they teach. The counselors are available for help in planning a schedule. If group discussions are not helpful enough, make an appointment to see a counselor on an individual basis.

### Graduation Requirements

1. All students must earn 21 credits for graduation. Credits earned in grades 9 through 12 are counted toward graduation. Some high school credit may be earned in grades 7 and 8.

The following courses are required for graduation for the class of 2013:

English	4 credits	U.S. History	1 credit	Mathematics	3 credits
American Government	0.5 credit	Social Studies Elective	0.5 credit	Science	3 credits
Health	0.5 credit	World Studies	1 credit	Physical Education	0.5 credit
Electives	7 credits				

The following courses are required for graduation beginning with the class of 2014 and beyond:

English	4 credits	U.S. History	1 credit	Mathematics	4 credits
American Government	0.5 credit	Social Studies Elective	0.5 credit	Science	3 credits
Health	0.5 credit	World Studies	1 credit	Physical Education	0.5 credit
Financial Literacy	0.5 credit	Fine Arts	1 credit	Electives	4.5 credits

Each student's electives shall include at least one credit, or two half credits, chosen from among the areas of business/technology, fine arts, and/or foreign language.

2. Students must pass all five Ohio Graduation Tests (OGT) or meet the alternative testing requirements in order to graduate from Wooster High School. Students will take the OGTs in March of their sophomore year. Thereafter, OGTs will be scheduled in October and in March for any student still needing to pass one or more of the OGT areas.
3. A student may meet the testing requirements for passing all five Ohio Graduation Tests if he/she meets **ALL** of the following criteria as an alternate pathway:
  - Passes 4 of the five tests and has missed passing the 5<sup>th</sup> test by no more than 10 points;
  - Has a 97% attendance rate, excluding any excused absences, through all four years of high school;
  - Must not have had an expulsion in high school;
  - Has at least a grade point average of 2.5 out of 4.0 in the courses of the subject area not yet passed;
  - Has completed the high school curriculum requirement;



- Has participated in any intervention programs offered by the school and must have had a 97% attendance rate in any programs offered outside the normal school day; and
- Has letters recommending graduation from the high school principal and from each high school teacher in the subject area not yet passed.

## General Guidelines for Academic Progression Towards Graduation

1. To be on track for graduation students should have earned the minimum credits listed below:

- At least 4.5 credits as a Sophomore
- At least 9.5 credits as a Junior
- At least 15 credits as a Senior

Note: Students will be moved ahead in homeroom class standing regardless of credits earned until grade 12.

2. Each student shall carry a minimum of six (6) courses each quarter. (Board of Education Policy 5460 Graduation Requirements)
3. Physical Education, Health, and On-Line Learning are available for summer school credit.
4. The Wooster City Schools may accept credit from any other public high school; but these transcripts, along with those from parochial schools, military academies, schools abroad, and other special schools will be evaluated with the right of the administration to deny credit for courses that fail to meet the standards of the Wooster City Schools or those of the State of Ohio.
5. Algebra I for grades 7 and 8, Geometry for grade 8, and French I, German I or Spanish I for grade 8 will be shown on the high school transcript, will count for high school credit, and will be computed into GPA and class rank.

## Recommended College Preparatory Program

Students considering college should take a general college preparatory program in high school. This program should include:

- **Four credits of English**
- **Four credits of mathematics** (including *Algebra I, II* and *Geometry*)
- **Three credits of social sciences** (including two credits of history)
- **Three credits of science**
- **Two credits of a foreign language**
  - (The same foreign language through level II. Some selective colleges and universities require three credits of the same foreign language)
- **One credit of visual or performing arts**

## Guidance Department Four Year Educational Plan Graduating Class of 2013

Attention: This educational plan gives students an opportunity to focus on the many courses available. This is a **flexible** plan and may be changed from year to year.

Name \_\_\_\_\_ Graduation Year \_\_\_\_\_

<b>9<sup>th</sup> Grade</b>	<b>GPA</b> _____	<b>Rank</b> _____
<i>Course</i>		<i>Credit</i>
English 9		1.00
Math		1.00
Physical Science		1.00
World Studies		1.00
Health		.50
Physical Education		.25
Technology/Fine Arts/Foreign Language		.50 – 1.00
<b>Total</b>		

<b>10<sup>th</sup> Grade</b>	<b>GPA</b> _____	
<b>Rank</b> _____		
<i>Course</i>		<i>Credit</i>
English 10		1.00
Math		1.00
Biology		1.00
U.S. History		1.00
Physical Education		.25
Technology/Fine Arts/Foreign Language		.50 – 1.00
<b>Total</b>		

<b>11<sup>th</sup> Grade</b>	<b>GPA</b> _____	
<b>Rank</b> _____		
<i>Course</i>		<i>Credit</i>
American Literature		1.00
English Elective		.50
Government and S.S. Elective (Grades 11 or 12)		.50
Math		1.00
Science		1.00
<b>Total</b>		

<b>12<sup>th</sup> Grade</b>	<b>GPA</b> _____	
<b>Rank</b> _____		
<i>Course</i>		<i>Credit</i>
English Elective (Required)		.50
English Elective (Required)		.50
<b>Total</b>		

**21 credits are required for graduation.**

Each student's electives shall include at least one credit, or two half credits, chosen from among the areas of business/technology, fine arts, and/or foreign language prior to graduation.

## Guidance Department Four Year Educational Plan Graduating Classes of 2014 and Beyond

Attention: This educational plan gives students an opportunity to focus on the many courses available. This is a **flexible** plan and may be changed from year to year.

Name \_\_\_\_\_ Graduation Year \_\_\_\_\_

9 <sup>th</sup> Grade	GPA _____	Rank _____
<i>Course</i>		<i>Credit</i>
English 9		1.00
Math		1.00
Physical Science		1.00
World Studies		1.00
Health		.50
Physical Education		.25
Technology/Foreign Language		.50 – 1.00
Fine Arts		.50
<b>Total</b>		

10 <sup>th</sup> Grade	GPA _____	Rank _____
<i>Course</i>		<i>Credit</i>
English 10		1.00
Math		1.00
Biology		1.00
U.S. History		1.00
Physical Education		.25
Technology/ Foreign Language		.50 – 1.00
Fine Arts		.50
<b>Total</b>		

11 <sup>th</sup> Grade	GPA _____	Rank _____
<i>Course</i>		<i>Credit</i>
American Literature (recommended)		1.00
Government and S.S. Elective (Grades 11 or 12)		.50
Math (Algebra II or Higher)		1.00
Science		1.00
Financial Literacy (Encouraged)		.50
<b>Total</b>		

12 <sup>th</sup> Grade	GPA _____	Rank _____
<i>Course</i>		<i>Credit</i>
English Elective (Required)		.50
English Elective (Required)		.50
Math (Algebra II or Higher)		1.00
Financial Literacy (If necessary)		.50
<b>Total</b>		

**21 credits are required for graduation.**

- Elective credits must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, and technology.
- All students must receive instruction in financial literacy during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 9-12. Students following a career-technical pathway are exempted from the fine arts requirement.

## COMPARISON OF DIPLOMAS WITH HONORS CRITERIA

*Students need to fulfill all but one criterion for any of the following Diplomas with Honors*

Subject	High School Academic Diploma with Honors	High School Career-Technical Diploma with Honors
English	4 credits	4 credits
Mathematics	4 credits, including <i>Algebra I</i> , <i>Geometry</i> , <i>Algebra II</i> or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 credits, including <i>Algebra I</i> , <i>Geometry</i> , <i>Algebra II</i> or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 credits, including physics and chemistry	4 credits, including physics and chemistry
Social Studies	4 credits	4 credits
Foreign Language	3 credits (must include no less than 2 units for which credit is sought) i.e., 3 units of one language or 2 units each of two languages	Not counted toward requirements
Fine Arts	1 credit	Not counted toward requirements
Career-Technical	Not counted toward requirements, and may not be used to meet requirements	Now counted in Electives
Electives	Not counted toward requirements	4 credits of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit
Grade Point Avg.	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT Score (excluding scores from the writing sections)*	27 ACT/1210 SAT	27 ACT/1210 SAT
Additional Assessment	Not applicable	Achieve proficiency benchmark established for appropriate Ohio Career-Technical Competency Assessment or equivalent

\*Writing sections of either standardized test should not be included in the calculation of this score.

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:

½ credit physical education  
½ credit health

½ credit in American history  
½ credit in government

## ELIGIBILITY CRITERIA FOR 2013 AWARD OF MERIT

The requirements listed below have been adopted for the "Award of Merit." This certificate will be awarded by the State Board of Education to all those who meet the criteria specified in: **1 and 3 or 2 and 3 below.**

**NOTE:** Courses that are part of the Post Secondary Education Options Program, also apply to the criteria for the Award of Merit.

### 1. **College Prep Requirements**—complete the following minimum requirements

- English – 4 credits (May include 1 credit of fundamentals of speech.)
- Mathematics – 3 credits (Must include 1 credit of algebra and 1 credit of geometry.)
- Science – 3 credits (Must include 2 credits from among biology, chemistry, and physics.)
- Social Studies – 3 credits (Must include 2 credits of history and ½ credit of civics or government.)
- Foreign Language – 3 credits (Must include no less than 2 credits of any language for which credit is sought, i.e., 3 credits of one language or 2 credits each of two languages.)
- Complete 2 credits of electives that may include the following:
  - Business
  - Computer Science
  - Visual or Performing Arts

### 2. **Career-Technical Curriculum Requirements**

- Complete a career technical occupational preparation program
- Complete the following curriculum requirements
  - English – 4 credits
  - Mathematics – 3 credits
  - Science – 3 credits
  - Social Studies – 3 credits
- Complete two credits from one or more of the following, or two additional credits from one or more of the areas listed above.
  - Business
  - Computer Science
  - Foreign Language
  - Visual or Performing Arts

Applied academic credits earned via career-technical education shall apply to the criteria for the Award of Merit.

### 3. **Performance Criteria (applies to both curricula)**

- Maintain above average attendance for grades nine through twelve (compared to a rolling four-year State average). **For 2011 the four-year state average is 94.23 percent attendance.**
- Demonstrate outstanding achievement in the curriculum as evidenced by one of the following: earning the equivalent of an overall grade point average of 3.25 on a four point scale for grades nine through twelve; earning the equivalent of an overall grade point average of 3.5 on a four point scale for grades eleven and twelve; or ranking in the top 25 percent of the class, whichever is more inclusive.
- Participate in co-curricular, extracurricular, or community activities in accordance with procedures established by the District Board of Education.
- Demonstrate outstanding citizenship/character traits in accordance with criteria established by the District Board of Education.



## COLLEGE LEVEL ENROLLMENT OPTIONS

### DUAL ENROLLMENT

Eligible students remain at WHS and receive both high school and college credit. Dual Enrollment course offerings may vary from year to year. For more information, contact a guidance counselor.

### OHIO'S POST-SECONDARY ENROLLMENT OPTIONS ACT (PSEO)

Ohio's Post-Secondary Enrollment Options Act allows all students to enroll full or part-time at approved public colleges, universities, or technical schools in Ohio. The Act has a dual purpose: to promote rigorous educational pursuits and to provide a wide variety of options for students. An informational meeting is held in February for parents and students interested in PSEO. For more information, contact a guidance counselor.

### THE COLLEGE OF WOOSTER AND WHS JOINT ENRICHED PROGRAM

Senior students interested in the program must see a guidance counselor for an application. This is a selective process with the final selection made by The College of Wooster.

## ADVANCED PLACEMENT (AP) OFFERINGS

Most four-year colleges in the United States and colleges in more than 60 other countries give students credit, advanced placement or both on the basis of AP Exam scores. By entering college with AP credits, students will have the opportunity to move into upper level courses at an accelerated rate. WHS offers the following AP courses:

- AP English Literature
- AP English Language
- AP U.S. History
- AP American Government
- AP European History
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Biology
- AP Environmental Science
- AP Physics
- AP French
- AP German
- AP Spanish
- AP Computer Science A
- AP Art Studio

## CREDIT FLEXIBILITY

Credit Flex is a statewide initiative and allows for performance and demonstration of subject area mastery instead of the traditional "seat time" requirement. There is no limit to the type of coursework or number of credits.

Credit Flexibility grants students the opportunity to design and create their own unique learning experiences and demonstrate mastery utilizing a variety of assessment models. They may earn graduation credit through one of the following options:

- Complete traditional coursework at an accelerated pace.
- Utilize earn credit by demonstrating mastery of the course content by testing out or presenting a portfolio or a combination of the two.
- Pursue one or more "educational options" (e.g., distance learning, educational travel, independent study, an internship, music, arts, after-school program, community service, or engagement project and sports).

Other educational options are possible upon consultation with the guidance counselor including: online learning, credit flexibility, correspondence courses, etc. Students are limited to three high school correspondence credits. Any class taken outside of Wooster High School for which a student wants to receive credit toward graduation must be treated as credit flexibility. All requests for credit outside of Wooster High School must be initiated with the student's guidance counselor. There is an application to be completed and this application must be submitted to the guidance counselor at least ten school days prior to the start date of the planned study. Credit flexibility will not compete with courses offered within the regular program of studies at the high school. The high school principal will have the final decision as to whether the credit flexibility/educational option is approved.

Applications may be obtained from a guidance counselor.

***Eligibility: Students are eligible for earning high school credit that are capable of meeting the credit flex requirements and are not currently expelled from school.***

## BLENDING LEARNING

Students in blended learning classes at WHS will use Blackboard for accessing lessons, completing and turning in assignments, taking assessments, communicating with peers and teachers and most other class functions. Blackboard is available on any Internet capable device including laptops, iPods/iPads, smart phones and other tablets. The curriculum of these courses will be the same as the traditional courses. See a guidance counselor for more information. WHS offers the following Blended Learning courses:

- **Adventures in the Arts**
- **AP Spanish**
- **Biology I and II**
- **Contemporary Issues**
- **English 9**
- **Financial Literacy**
- **Honors Physical Science**
- **U.S. History**

## CAREER BASED INTERVENTION

**Career Based Intervention (CBI)** \*Grades 9 and 10 – **This class does not meet NCAA eligibility requirements.**

This is a pre-vocational job-orientation program for grades 9 and 10. The purpose is to help students improve academic competence, develop employability skills, implement a career plan, participate in a career pathway in preparation for postsecondary education and/or career, and graduate from high school.

The CBI program provides a combination of educational and work-based learning opportunities for student success. The program includes the requirement of CBI English, CBI Math, CBI Related, and CBI History for both grades 9 and 10.

Students interested in the CBI program must see a guidance counselor to determine eligibility. CBI students earn one credit for participation in CBI Related plus one credit for each CBI academic class.

## WAYNE COUNTY SCHOOLS CAREER CENTER

Juniors and seniors may learn career and technical skills while attending high school at the Career Center. Some programs offer a part-time option that allows students to take academics at Wooster High School. Transportation is provided by the school district. Students are encouraged to participate in WHS extracurricular activities, and will graduate from Wooster High School. There is no tuition charge to attend the Career Center other than laboratory fees, tool and uniform fees. Applicants should have met the

graduation requirements for freshmen and sophomores, having completed courses in English, Social Studies, Math, Science, Physical Education and Health. Students deficient in required credits may need to attend summer school, be privately tutored, or take correspondence courses to meet graduation requirements as approved by Wooster High School.

## WORK STUDY

**Work Study** – Grades 9 -12 by permission.

The Work Study Program at Wooster High School is essential in helping students meet their future goals. It provides students opportunities to work with adults and learn valuable employability skills.

Students earn credit towards graduation according to the number of hours worked.

- 120 hours of work equals 1 credit hour
- Maximum of 4 credit hours per academic year

A referral process is used for students to be in the program. Intervention specialists, teachers, guidance counselors, administrators, and parents may recommend special education students for the program.

## Tri-County International Academy and International Baccalaureate Organization (IBO) Open only to grade 11 and 12 students

“Life in the 21<sup>st</sup> Century, in an interconnected globalized world, requires critical-thinking skills and a sense of international-mindedness, something that International Baccalaureate (IB) Diploma Programme students learn to know and understand.”

Wooster High School, working together with Tri-County ESC and other local schools, is offering students an exciting and challenging educational program. The IB Programme is an academically balanced two-year program with final examinations that prepare students for a successful college and/or university experience. By completing this course of study, students may be awarded scholarships, college credit, and advantageous admission consideration to academically elite schools.

The IB Diploma Programme is a total program taught at an advanced level, similar to Advanced Placement (AP) courses. The students will have course work in the following areas:

- |  |   |
|--|---|
| ▪ <i>English</i>   | ▪ <i>Science (Chemistry and or Advanced Biology or Physics)</i> |
| ▪ <i>Second Language (Spanish or German)</i>                             | ▪ <i>Math (Algebra II required)</i>                             |
| ▪ <i>Social Studies (History of the Americas to included Government)</i> | ▪ <i>Theory of Knowledge</i>                                    |

***Successful completion of this program will result in earning two diplomas:***

***Wooster High School Diploma and the International Baccalaureate Diploma.***

Contact a guidance counselor with questions regarding the IB Programme or visit: [www.ibo.org](http://www.ibo.org) or [ib.tricountyesc.org](http://ib.tricountyesc.org).

### **Certificate Only IB courses Offered**

Certificate students are those who choose one or more IB courses without committing to the entire program. A student may choose to take a particular IB course for certification because the student may have an interest or talent in that area, and may find it impossible to enroll for the diploma program. Advantages of this status include the richer educational value of IB courses, the community of dedicated students who choose such courses, and the opportunity to earn advanced college credit for successful performance on IB examinations (advanced standing is awarded by individual universities, and is generally not given for Standard Level courses). All certificate students are required to take subject examinations in their IB courses. Students in these courses are also eligible to take AP examinations upon completion of the course.

## ATHLETIC ELIGIBILITY

### Ohio High School Athletic Association Rules

In order to be eligible in grades 9 - 12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of **five** one-credit courses or the equivalent, which count toward graduation. Please be advised that a College of Wooster class does **not** meet this requirement as one of the five courses needed. **Physical Education courses do not count toward one of the five courses needed.** Eligibility for fall sports is based on the fourth nine weeks grades, not the semester or year-end grades.

**Students entering grade 9:** All beginning ninth graders must have passed a minimum of five of all subjects in which enrolled the immediately preceding grading period. A complete listing of OHSAA Eligibility rules is posted outside the athletic office, printed in the athletic handbook, and available from the guidance office.

### Policy - Ineligible Athlete

*If a student athlete at Wooster High School is not eligible for a sport season on the basis of the prior quarter's scholastic work, the student athlete may not play or dress during the entire time for which the student athlete is ineligible.*

### National Collegiate Athletic Association (NCAA)

In order to practice and play athletics at an NCAA Division I or II college/university, the student athlete must satisfy requirements of the NCAA. Student athletes must have eligibility for practice and competition for their freshman year in college certified by the NCAA Initial-Eligibility Clearinghouse.

The Clearinghouse has been established for review of core courses and high school transcripts for all prospective Div. I or II student athletes.

Any Wooster High School athlete who desires to compete at the Division I or II level should contact their guidance counselor at the start of their junior year for Clearinghouse information. Some courses offered at WHS are not accepted by the Clearinghouse.

The following courses **DO NOT** qualify as NCAA core course(s); therefore, **CANNOT BE USED** for NCAA initial-eligibility certification:

- *Television Production (all levels)*
- *Newspaper Production (all levels)*
- *Family and Consumer Science Courses*
- *Computer Science*
- *Industrial Technology Courses*
- *Music Courses*
- *Dramatic Arts/Theater*
- *Yearbook (all levels)*
- *All credit flexibility courses*
- *Art Courses*
- *Physical Education and Health*
- *Integrated Math*
- *Applied Math*

## NCAA Freshman – Eligibility Standards Quick Reference Sheet

### Know the Rules

#### Core Courses

- Starting August 1, 2008, 16 core courses will be required for NCAA Division I only. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart on page 15 for the breakdown of this 16 core-course requirement.
- 14 core courses are required in NCAA Division II.** See the breakdown of core-course requirements on page 15. Please note Division II will require 16 courses beginning August 1, 2013.

#### Test Scores

- Division I has a sliding scale for test score and grade point average. The sliding scale for those requirements is shown on page two of this sheet.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, math, reading and science.
- All SAT and ACT scores must be reported directly to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the clearinghouse.

#### Grade-Point Average

- Only core courses are used in the calculation of the grade-point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the clearinghouse Web site to make certain that the courses being taken have been approved as core courses. The Web site is [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- Division I grade point average requirements are listed on page two of this sheet.
- The Division II grade-point average requirement is a minimum 2.000.

DIVISION I	DIVISION II
16 Core-Course Rule	<b>14 Core-Course Rule</b>
<b>16 Core Courses:</b>	14 Core Courses:
4 years of English	3 years of English
3 years of mathematics (Algebra I or higher)	2 years of mathematics (Algebra I or higher)
2 years of natural/physical science (1 year of lab if offered by high school)	2 years of natural/physical science (1 year of lab if offered by high school)
1 year of additional English, mathematics or natural/ physical science	2 years of additional English, mathematics or natural/physical science
2 years of social science	2 years of social science
4 years of additional courses (from any area above, foreign language or non-doctrinal religion/ philosophy)	3 years of additional courses (from any area above, foreign language or non- doctrinal religion/ philosophy)

**PLEASE NOTE:** Computer-science courses may only be used for initial-eligibility purposes if the course receives graduation credit in mathematics or natural/physical science and is listed as such on the high school's list of NCAA-approved core course.



## ACTIVITIES AND ATHLETICS

### District Sponsored Activities/Clubs

#### Athletics

Baseball  
Basketball  
Cheerleading  
Cross Country  
Football  
Golf  
Gymnastics  
Lacrosse

Softball  
Soccer  
Student Athletic Trainers  
Swimming and Diving  
Tennis  
Track  
Volleyball  
Wrestling

#### Activities and Clubs

Art Club  
Class Officers  
Drama Club  
"E" Club  
FCCLA  
Film Club  
French Club  
German Club

History Club  
Math Club  
National Honor Society  
Rocketry Club  
Science Club  
Spanish Club  
Speech and Debate  
Student Council

### Music Program

Marching, Symphonic, Concert,  
Freshman and Jazz Band  
Orchestra  
Choir  
Flag Corps  
Majorettes

### Other Non-Curricular Groups

Upward Bound

## COMPUTER SCIENCE

**Computer Applications:** 18 weeks – ½ credit

Prerequisite: None

Fee: None

This is an **introductory course**, only open to students who haven't taken any other computer course in high school. Using a variety of programs we will learn the importance of computers in our everyday lives. Students will learn how to be more productive with some of the following programs: Microsoft Word, Excel and PowerPoint. Students will also learn the applications included with every Mac computer, in the iLife suite. Students will use this software to organize and create digital audio, image and video projects. This is a project-oriented course.

**This course does not meet NCAA eligibility requirements.**

**Digital Film Production I:** 18 Weeks – ½ credit

\*Open to grades 10 – 12

Fee: \$15

This course is an introduction to television studio and field production. The course will acquaint students with the technical and aesthetic concepts involved in successful Video production. Students will develop skills through a series of in-class exercises, studio and field exercises and critical evaluations of past and present production styles. This course is designed to familiarize students with the process and tools associated with Video Production. Special emphasis is placed on single and multi-camera techniques with emphasis on professional aptitudes and attitudes. **This course may count as a Fine Art elective. This course does not meet NCAA eligibility requirements.**

**TV Production:** 18 weeks – ½ credit

Prerequisite: Digital Film Production I

Fee: \$15

A continuation of *Digital Film Production I*, this course will pick up where *Digital Film Production I* leaves off. In addition to the in-class activities, *TV Production* will be responsible for weekly video announcements. Students will assume the roles of a television production studio and will plan, shoot and produce announcements and short films. **This course may count as a Fine Art elective. This course does not meet NCAA eligibility requirements.**

**Photoshop Explored:** 18 weeks-- ½ credit

\* Open to grades 10 – 12

Fee: None

Students will use *Photoshop CS4* to look at the following topics: Editing a Photoshop Image, Using the Selection Tools, Using Layers, Drawing and Painting with Color, Enhancing and Repairing Photos, Creating Color Channels and Actions, Applying Filters and Patterns, Working with Vector Graphics, Using Web Tools. All of the topics covered will give students a better understanding of how to appropriately use this program. This is a project-oriented class. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this class. **This course does not meet NCAA eligibility requirements.**

**Programming I:** 18 weeks – ½ credit

Prerequisite: None

Fee: None

This introductory programming class will cover the basic principals of structured programming. It will use three very different programming environments to accomplish this task. Students will be using Flash, REALBasic, and Alice. Students will do various projects that will demonstrate the student's knowledge of these modern programming languages. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this class. **This course does not meet NCAA eligibility requirements.**

**Programming II:** 18 weeks – ½ credit

Prerequisite: Programming I

Fee: None

A continuation of *Programming I*, students will be using Flash, REALBasic, and Alice to delve further into more difficult programming techniques and good programming style. Students will cover such topics as loops, decisions, arrays, graphics and sound in this project oriented class. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this class. **This course does not meet NCAA eligibility requirements.**

**Web Mastering:** 18 weeks – ½ credit

Prerequisite: Photoshop Explored or Graphic Arts. Fee: None

\*Open to grades 10 - 12.

This course will look at the World Wide Web, how it works, and how students can make it work. The course will emphasize HTML (Hypertext Markup Language) through the program *Dreamweaver*. With this language, students will learn how and what makes web pages appear when the browser is opened. Students will create academic web pages that will be posted online. Students will learn why pages need to be created with multiple browsers and different users in mind. This is a project-oriented class. Typing is done every day in class. Without some keyboarding skill, students will not be successful in this course. **This course does not meet NCAA eligibility requirements.**

**AP Computer Science A:** 36 weeks – 1 credit

Prerequisite: Programming I and II, and Algebra II

Fee: AP Test Fee

The AP Computer Science A course is an advanced course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction.

## ENGLISH

\*Students may freely move from pathway to pathway as their goals change

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<i>*English 9</i> (year required)  <i>*Honors English 9</i> (year required)	<i>*English 10</i> (year required)  <i>*Honors English 10</i> (year required)	<u><b>Career Pathway in English Curriculum</b></u> 1 Credit Needed <ul style="list-style-type: none"> <li><i>American Literature</i> (year) *Recommended</li> <li><i>Creative Writing</i> (semester)</li> <li><i>Film Study</i> (semester)</li> <li><i>Public Speaking and Performance</i> (semester)</li> </ul>	<i>*British Literature I &amp; II</i> (semester each) or *Two Electives
<i>English 9</i> (year required)  <i>Honors English 9</i> (year required)	<i>English 10</i> (year required)  Honors English 10 (year required)	<u><b>College-bound Pathway in English Curriculum</b></u> <ul style="list-style-type: none"> <li><i>Advanced Placement English Language and Composition</i> (year)</li> <li><i>American Literature</i> (year) *Recommended</li> </ul>	<i>*Advanced Placement English Literature and Composition</i> (year) <i>*British Literature I &amp; II</i> (semester each) or *Two Electives
		<u><b>College-Bound Pathway Elective Choices for Grade 11 or 12</b></u> <ul style="list-style-type: none"> <li><i>Expository Writing</i> (semester)</li> <li><i>Creative Writing</i> (semester)</li> <li><i>Film Study</i> (semester)</li> <li><i>Public Speaking and Performance</i> (semester)</li> </ul>	

Four credits of English must be earned to meet graduation requirements. Additional courses may be taken.

All WHS literature courses will combine instruction in literature with substantial amounts of composition. Reading, reasoning, responding, and writing are integral parts of the “literate” tradition. **There is a summer reading component for all WHS English classes.**

**FRESHMEN:**

*English 9 or Honors English 9* \*1 credit

**JUNIOR:**

*American Literature* (\*Recommended - 1 credit),  
*AP English Language and Composition* (1 credit) or  
 2 Electives  
 \*Total 1 credit

**SOPHOMORE:**

*English 10 or Honors English 10* \*1 credit

**SENIOR:**

*British Literature I and II* (1/2 credit each),  
*AP English Literature and Composition* (1 credit) or  
 2 Electives  
 \*Total 1 credit

**PLEASE NOTE: ALL ENGLISH COURSES HAVE A SUMMER READING REQUIREMENT**

**English 9:** 36 weeks – 1 credit

Prerequisite: None

Fee: None

In *English 9*, students will engage in reading, writing, oral expression, and critical thinking. The various units include drama, poetry, nonfiction, and fiction which will provide topics for student writing, speaking and listening assignments. All areas of study are standards based in preparation for the Ohio Graduation Test.

**Summer reading is required.**

**Honors English 9:** 36 weeks – 1 credit

Prerequisite: 8th LAA or B+ overall  
average in English 8

Fee: None

This course is recommended for students who maintained a B+ average in English 8 or were in LAA. The course is designed to prepare students for the Ohio Graduation Test and sophomore, junior, senior English courses and involves summer reading assignments. This year-long course fulfills the entire required freshman English credit. Certain electives may still be chosen by freshman, but none are required. **Summer reading is required.**

**English 10:** 36 weeks – 1 credit

Prerequisite: English 9

Fee: None

This course builds upon the *English 9* curriculum and is designed to prepare the students for the Ohio Graduation Test and junior and senior English courses. This year-long course fulfills the entire required sophomore English credit. **Summer reading is required.**

**Honors English 10:** 36 weeks – 1 credit

Prerequisite: B+ overall average in  
English 9

Fee: None

This course is recommended for students who maintain a B+ average in *English 9* or *Honors English 9*. This course builds upon the *English 9* curriculum and is designed to prepare the students for the Ohio Graduation Test and junior and senior English courses and involves summer reading assignments and extensive writing requirements. This year long course fulfills the entire required sophomore English credit. **Summer reading is required.**

**American Literature:** 36 weeks – 1 credit.

Prerequisite: English 10 or Honors  
English 10

Fee: None

**\*This course is expected for college-bound students and is highly recommended for all grade 11 students.**

This survey course presents an overview of American literature with selections from major periods of our country's literary development. Students will read and analyze a variety of selections in both in-class discussions and writing assignments. Students will be required to analyze, discuss, and write about a wide variety of literary works by selected American authors. The course will emphasize the development of a national literature, which reflects the continuing values and philosophies of American society. Emphasis will be on close reading and process writing about literature. **Summer reading is required.**

**AP English Language and Composition:** 36 weeks – 1 credit

\* Open to grade 11 through  
application process

Fee: AP Test

This full year course provides the college-bound junior with a basic foundation for work at the college level. The students will study different modes of rhetoric from a variety of historical periods and disciplines emphasizing the elements of audience, purpose, and context in texts whether nonfiction or fiction. Students in this course will write expository, analytical, and argumentative essays in which they synthesize ideas and information for various sources. Emphasis will be on close reading and in-class writing. In May, the students will take the Advanced Placement English Language and Composition examination. If a high score is achieved, it is possible that students will earn college credit without having to take the college English course. Because of the amount of material to be covered, its difficulty, and the limited enrollment, students seriously interested in the course must consult an English teacher prior to scheduling this course. The exam, though optional, is highly recommended and the student bears the expense. **A summer reading and writing assignment is required.**

**AP English Literature and Composition:** 36 weeks – 1 credit

\* Open to grade 12 through application process

Fee: AP Test

This full year course provides the college-bound senior with a basic foundation for work at the college level. The students will study both classical and modern literature in a number of forms: poetry, essays, plays, and novels. Compositions will be critical essays based upon material read. In May, it is highly recommended that the student will take the Advanced Placement Examination in English. If a high score is achieved, it is possible that the student will earn college credit without having to take the college English course. Because of the amount of material to be covered, its difficulty, and the limited enrollment, students seriously interested in the course must consult their English teacher before scheduling this course. The exam is optional and the student bears the expenses. Emphasis will be on reading and in-class process writing about literature. **A summer reading and writing assignment is required.**

**British Literature I:** 18 weeks – ½ credit

\*Open to grade 12

Fee: None

British Literature I is a survey course that presents an overview of British literature with selections from the first half of British literary development – the Anglo-Saxon, the Medieval, and the English Renaissance periods. The course will emphasize the development of a national literature. Students will read and analyze a variety of selections in both in-class discussions and writing assignments. Students will be required to analyze, discuss, and write about a wide variety of literary works of selected British authors by developing and using critical thinking skills. Emphasis will be on close reading and writing about literature. Students may take one or both of the British Literature courses offered. **Summer reading is required.**

**British Literature II:** 18 weeks – ½ credit

\*Open to grade 12

Fee: None

British Literature II is a survey course that presents an overview of British Literature with selections from the latter half of British literary development – the Seventeenth Century, the Restoration, the Romantic, the Victorian, and the Modern periods. The course will emphasize the development of a national literature. Students will read and analyze a variety of selections in both in-class discussions and writing assignments. Students will be required to analyze, discuss, and write about a wide variety of literary works of selected British authors by developing and using critical thinking skills. Emphasis will be on close reading and writing about literature. Students may take one or both of the British Literature courses offered. **Summer reading is required.**

**Creative Writing:** 18 weeks — ½ credit

\*Open to grades 11, 12

Fee: None

This course is a workshop-based class where the students are expected to learn and apply the various writing techniques used by creative writers. While this is a writing course, reading is also a major component of this class. After reading and analyzing a variety of texts, students may write descriptive prose, poetry, short stories, or a one-act play using the techniques found in the readings. In addition to writing and sharing written responses, the students will use technology to type polished drafts of assignments. The students should have a basic understanding of effective writing skills before entering the class. **Summer reading is required.**

**Expository and Research Writing:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course is recommended for college-bound students. This semester course emphasizes critical writing techniques used for essay and research writing needed for college and includes intensive sentence structure, grammar, and usage study. Students will be required to complete a variety of essay, literary analysis, and research assignments, culminating with a formal, documented research paper in the 10-14 page range. Topics for assignments will be determined by student interest with approval by the instructor. **Summer reading is required.**



**Film Study and Composition:** 18 weeks – ½ credit

\*Open to grades 10 - 12

Fee: None

This is a course designed to develop critical viewers of film. Introducing the student to the growth of the film industry and studying techniques in film will accomplish this critical view. Some of the techniques include visual interpretations, film symbolism, cinematography, and camera technique. Students will react to the films and techniques via class discussions, journals, and researched essays. Along with written assignments, several supplemental reading materials will be read and analyzed in preparation for the lengthier essays. Along with the supplemental reading materials, critical film reviews published by critics will be read and analyzed to help develop a common film vocabulary and used to support opinions in written assignments. **Summer reading is required.**

**Public Speaking and Performance:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course provides students with the opportunity to learn and practice the skills of effective oral communication. Because these skills are so important in today's society, it is highly recommended that all students enroll in this course at some time during their final two years in high school. **Summer reading is required.**

## FAMILY AND CONSUMER SCIENCES

**Child Development:** 18 weeks – ½ credit

\*Open to grades 10 - 12

Fee: None

Included in this course, will be the study of the growth and development of a child beginning with conception through school age. Topics include: parenting skills, guidance/discipline methods, planning learning activities and exploring career options. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Family Living:** 18 weeks – ½ credit

\*Open to grades 10 - 12

Fee: None

This course is the study and discussion of issues related to family life. Topics to be included are: dating, engagement, marriage, wedding planning, money management, parenting, aging, divorce and coordination of employment and family. The course challenges students to examine values, principles and attitudes about the family. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Fashion Design I:** 18 weeks – ½ credit

\*Open to grades 10 - 12

Fee: \$5

In this course students will have the opportunity to learn to sew using a sewing machine and sewing patterns. Several small projects will be completed as well as one larger project. Students will also study the history of fashion, factors that influence clothing choices, and fibers and textiles. In this course students will gain practical skills that can be used to enhance personal life or to pursue a career in the field of fashion design. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities.

**Fashion Design II:** 18 weeks – ½ credit

Prerequisite: Fashion Design I or instructor permission. \*Open to grades 10 - 12

Fee: \$5

In this course students will have the opportunity to build on the skills learned in *Fashion Design I*. Clothing construction will be the main emphasis and a more in-depth project(s) will be completed. Areas of study will include: sewing techniques for garment construction; the elements and principles of design as applied to clothing; fibers and textiles; and careers in the fashion industry. Students will be responsible for providing sewing supplies needed for completing their projects. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA leadership eligibility requirements.**

**Fitness and Nutrition:** 18 weeks – ½ credit

\*Open to grades 10 -12

Fee: \$15

A healthy diet is essential to reaching the highest level of fitness and well-being. In this course, students will study the details of nutrition and fitness to look and feel the best. Weekly labs will provide the opportunity to learn to cook healthy meals and snacks. Different forms of exercise and ways to stay fit will be studied and students will do some form of exercise during class each week. This course will be beneficial for athletes and students wanting to learn how to improve their diet. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Food for Today:** 18 weeks – ½ credit

\*Open to grades 10 - 12

Fee: \$25

This is a semester course that focuses on food. Topics include a study of nutrition, basic kitchen skills, safety and sanitation, and food preparation techniques. Hands-on learning will take place through numerous lab experiences and students will have the opportunity to develop the knowledge and skills necessary to be proficient in the kitchen. The skills gained from this course can be applied to life in many ways, from making delicious foods for a family to pursuing a career in a food-related industry. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Advanced Food:** 18 weeks – ½ credit

Prerequisite: Food for Today or Fitness and Nutrition.

Fee: \$30

\*Open to grades 11, 12

This course provides the opportunity for a deeper study of foods and nutrition. Students will learn more advanced food preparation techniques and will study the social and cultural factors that influence food choices, nutrition knowledge for healthy food choices, food safety issues, and the environmental impact of food choices. The learning will be lab-based and hands-on. Possible labs include yeast breads, gourmet and global foods, and foods for holidays and special occasions. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**FCS for Teens:** 18 weeks – ½ credit

\*Open to grades 9 - 11

Fee: \$7

This course was especially designed to help students in grades 9 and 10, adjust to high school. Interpersonal skills, problem solving, parent-teen communication, conflict management, character development, hand-sewing skills, basic cooking skills and career exploration are the main components of the course. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Single Survival:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: \$10

This is a practical course that will prepare students for life after high school. Students will study a wide variety of topics including: planning for the future, personal growth, healthy relationships, career exploration, financial management, nutrition and food preparation, and clothing care. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

**Survival Life Skills:** 18 weeks – ½ credit

Prerequisite: By teacher permission only

Fee: None

This course is a beginning-level course in the Family and Consumer Sciences and will focus on the skills needed for independent living. The emphasis will be on making health food choices, basic food preparation, clothing care and repair, personal development, and money management. A student will be placed in this course by a faculty member or counselor. FCCLA is an integral part of the FCS curriculum and each student taking the course is encouraged to become a member. FCCLA enhances leadership development skills and provides opportunities for community service activities. **This course does not meet NCAA eligibility requirements.**

## ENTREPRENEUR AND FINANCIAL LITERACY

**Economics:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: \$5

This course is a survey course of basic principles of economics. Basic microeconomics concepts consider factors that affect individual economic choices, such as supply and demand, forms of business organization, entrepreneurship, and the marketplace. Macroeconomic concepts consider factors affecting choices involving the whole economy - GDP, unemployment, inflation, money supply and banking, and monetary, tax and fiscal policy. Economic issues of current or local concern, such as poverty, greed, corporate mergers, school finance, global economic crises, etc., will be integrated into class discussion as appropriate and timely. Students participate in a 10-week stock market simulation to become familiar with the workings of the stock market and personal investment principles as well as other simulation experiences.

**Financial Literacy:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: \$5

**This course is a Graduation Requirement for all graduating classes starting with the Class of 2014.** Financial literacy is defined as the ability to read, analyze, manage and communicate about the personal financial conditions that affect material well-being. It includes the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond competently to life events that affect everyday financial decisions, including events in the general economy. This course will have units on Entrepreneurship – a JA Company program. It will also include modules related to financial decision-making, working and earning, budgeting, banking, saving and philanthropy, effective use of credit, wealth creation and investing, along with risk management. **This course does not meet NCAA eligibility requirements.**

**Entrepreneurship Foundations:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course is a survey course of basic principles of economics with a heavy influence of entrepreneurship. Entrepreneurship encompasses economic principles, business fundamentals, marketing principles, innovation and invention. Students will understand concepts and processes associated with successful entrepreneurial performance. Entrepreneurial skills provide the unique expertise that entrepreneurs use during the entire process of creating and managing a business. This course will provide students time for discovery, concept development, resourcing, actualization, leadership, personal assessment and personal management. Students will be instructed on understanding fundamental business concepts that affect business decision-making, communication, interpersonal skills, digital skills and financial literacy. Additional business management functions regarding human resources, information, marketing, operations and risk will complete the course requirement. A necessary prerequisite for this course is the ability to be self-directed and an independent worker to accommodate the faster content pace of this section of economics. Entrepreneurial projects are required. **This course does not meet NCAA eligibility requirements.**

**Independent Entrepreneurial Studies:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

Have you ever thought of starting your own business? Do you have what it takes to be successful in your new enterprise? This course is for “entrepreneurially-spirit” students who wish to determine individual entrepreneurial interests, assess feasibility of ideas, and learn to apply basic marketing skills. Discover entrepreneurial personality traits and strategies necessary to succeed as an entrepreneur in the 21st century through authentic application of experiences for creating and putting original ideas into practice in your own student-run entrepreneurial product or service-related business. This will be a second semester course only.

Students will create and possess a digital entrepreneurial portfolio of accumulated learning and experiences to increase success-oriented attitudes, initiative, self-regulation, intelligent risk-taking, collaboration, critical thinking, and life-long learning skills while effectively learning academic and ground level entrepreneurial business plan development. They will learn to apply economic principles, apply and demonstrate ethical business knowledge of and skills in using strategies for generating ideas, evaluate and implement organizational ownership structures and business plans, identify legitimate sources of capital for financing and purchasing, translate problems into marketing opportunities, apply principles of financial and human relations management, apply basic accounting principles, understand government regulations as well as strategies for successful new business launching. Students will be instructed on understanding licensing, permit acquisition, business regulations, record keeping, pricing, and legal organizations. This course will afford students a wide variety of opportunities, such as significant entrepreneurial community support, entrepreneur speakers, and face-to-face engagement opportunities in real world environments such as entrepreneur shadowing and/or internships and business plan competition. **This course does not meet NCAA eligibility requirements.**

## DRAMATIC ARTS

Entry Level		Advanced
Acting I Acting II and	Musical Theatre Theatre Production Technical Theatre	Recital, Audition and Portfolio
Band Choir Orchestra	Musical Theatre Theatre Production Technical Theatre	
Digital Film I (Offered in Computer Science)	TV Production (Offered in Computer Science)	

**Acting I:** 18 weeks – ½ credit

Prerequisite: None

Fee: \$10

Acting I is a performance course in acting for the beginner, designed to help students explore the acting process. Students will develop skills in improvisation, script analysis, character development, memorization techniques, and performance skills. Throughout the semester, students will learn proper warm-up and relaxation techniques, develop their senses, build concentration, and learn basic acting skills by participating in a wide variety of drama games, improvisational activities, pantomime/movement exercises, and duet scenes. The final exam includes a public acting performance. Students will create a digital portfolio to showcase their growth as an actor. **This course does not meet NCAA eligibility requirements.**

**Acting II:** 18 weeks – ½ credit

Prerequisite: Acting I

Fee: \$12

Acting II is an advanced course for the serious actor. Extensive script analysis, scene study, directing, and advanced acting techniques will be emphasized. In addition, students will demonstrate skills in applying stage make-up and selecting costumes for showcase performances. Each student will receive a headshot for use in the audition process. A public acting recital will be performed during the second nine weeks. Students will create a digital portfolio to showcase their growth as an actor. **This course does not meet NCAA eligibility requirements.**

**Musical Theatre:** 18 weeks – ½ credit

Prerequisite: Acting I, Choir, Band or Orchestra

Fee: None

Music Theatre is a course designed as an introduction to the American musical as an art form. This course will focus on the theory, technique and history of Musical Theatre. The course will be structured primarily as a musical theatre audition workshop, where students will have the opportunity to prepare and present several songs of varying styles and historical periods over the course of the semester. This course is not intended to teach students the mechanics of how to sing, but rather how to more effectively act songs and audition for the musical theatre. Students will create a digital portfolio to showcase their mastery of musical theatre performance techniques. **This course does not meet NCAA eligibility requirements.**

**Technical Theatre:** 18 weeks – ½ credit

Prerequisite: None

Fee: None

Technical Theatre is designed to give students an overview of the entire process of the technical aspects of designing and running a theatrical production. Students will analyze plays to design projects for sets, lighting, sound, costumes, and make-up. Students will also learn the techniques for the successful publicity and stage management of a play. Students will create a digital portfolio of their mastery of technical theatre elements. **This course does not meet NCAA eligibility requirements.**

**Theatre Production:** 18 weeks – ½ credit

Prerequisite: Acting II, Technical Theatre,  
or audition/permission of the instructor

Fee: \$15

Theatre Productions is a culminating course for the serious theatre student. This course is a workshop, which combines the talents of the actor with the production skills of the theatre technician. Two public performances will be presented in this course. Students will create a digital portfolio of their mastery of technical theatre elements. **This course does not meet NCAA eligibility requirements.**

**Performance, Audition, and Portfolio:** 18 weeks – ½ credit

Prerequisite: Acting II,  
Technical Theatre,  
or audition/permission of the instructor

Fee: None

Performance, Audition and Portfolio is designed to prepare the actor or technician for theatre beyond the high school level. Digital portfolios and auditions will be prepared, theatre networks and unions will be explored, and professional and nonprofessional theatre will be studied. Plays of literary merit will be used as a basis of audition and portfolio development. Outreach educational performances as well as public recitals or portfolio displays will be presented. **This course does not meet NCAA eligibility requirements.**

## VISUAL ARTS

Entry Level		Advanced Level
Adventures in the Arts (grades 9 – 10) or Art Foundation (grades 11 – 12)	Drawing I Drawing II Drawing III	AP Studio Art
	Painting I Painting II Painting III	
	Ceramics I Ceramics II	
	Graphic Arts I Graphic Arts II	
	Arts and Crafts I Arts and Crafts II	

**Adventures in the Arts:** 18 weeks – ½ credit

\*Open to grades 9, 10

Fee: \$18

This course is an introduction to 2D and 3D fine arts courses at WHS: drawing, painting and ceramics. There is no prerequisite for this course, however this is an introductory level program for students to explore within the arts. This semester course will acquaint students with a wide variety of art media and techniques, and offer a background for further art appreciation and study. Two fine arts instructors will teach this class, one per nine weeks. Some reading and writing, covering relevant topics required. **This course does not meet NCAA eligibility requirements.**



**Art Foundations:** 18 weeks – ½ credit

Prerequisite: \*Open to grades 11, 12

Fee: \$12

This course is designed to give students a firm foundation in basic design principles, to acquaint students with a wide variety of art media and techniques, and to offer a background for further art appreciation and study. Students may work in the areas of design, drawing, painting, printmaking, collage, and \*sculpture. Some reading and writing, covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Arts & Crafts I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or Adventures in the Arts

Fee: \$15

This course is a study of the great traditions of crafts throughout the history and cultures of the world. The student will be exposed to some of the following media: textiles and fiber arts, ceramics, metalwork, sculpture, papermaking and bookmaking, and glass. In addition, the student will learn the elements and principles of three-dimensional design. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Arts & Crafts II:** 18 weeks – ½ credit

Prerequisite: Arts & Crafts I (grade C or better)

Fee: \$15

*Arts and Crafts II* is a continuation of *Arts and Crafts I*. In this course more complex design problems will be covered using the same or new media. Some reading and writing, covering relevant topics, is required.

**This course does not meet NCAA eligibility requirements.**

**Ceramics I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or Adventures in the Arts

Fee: \$25

Students will be introduced to the three-dimensional form. The students will study various artists and art periods throughout art history. Students will learn two hand-building methods: pinch, slab and coil. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Ceramics II:** 18 weeks – ½ credit

Prerequisite: Ceramics I (grade C or better)

Fee: \$25

\*Open to grades 10 -12

This course is a more advanced ceramics class. More complex solutions to three dimensional design problems will be required. The course will build on skills learned previously in *Ceramics I*. Various glazing, firing, hand-building, and throwing techniques will be covered. Students will be involved in written and oral assignments as well as the production of ceramic projects. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Drawing I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or Adventures in the Arts

Fee: \$12

This course focuses on the fundamentals of drawing and explores a variety of materials (pencil, charcoal, chalk, pen and ink, conte' crayon), techniques (cross-hatch, ink wash, pointillism), and subject matter (which may include still life, landscape, animals and nature, people). Some reading and writing covering relevant topics required.

**This course does not meet NCAA eligibility requirements.**

**Drawing II:** 18 weeks – ½ credit

Prerequisite: Drawing I

Fee: \$12

This course emphasizes the continued development of good drawing techniques with special attention on figure drawing and rendering of natural/found objects. Students will work with a variety of materials and subjects, with more individual expression and interpretation encouraged. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Drawing III:** 18 weeks – ½ credit

Prerequisite: Drawing II

Fee: \$12

This course further develops drawing techniques and focuses on composition and uses of color. A variety of materials and subjects will be explored. Some reading and writing covering relevant topics is required.

**This course does not meet NCAA eligibility requirements.**

**Graphic Arts I:** 18 weeks – ½ credit

Prerequisite: None

Fee: \$22

*Graphic Arts I* is an introductory course dealing with a range of activities in graphic communications technology. Areas to be covered include: graphic design, with an emphasis on current software applications such as *Photoshop*, production methods such as screen process printing resulting in student directed projects i.e. "T" shirt printing, and other current technologies within the area. This course will also focus on digital photography and the technology that accompanies it. Students will become familiar with and produce a range of projects using both software and hardware associated with this technology. This is primarily a laboratory course with an emphasis on hands on learning. **This course does not meet NCAA eligibility requirements.**

**Graphic Arts II:** 18 weeks – ½ credit

Prerequisite: Graphic Arts I

Fee: \$22

A follow-up to *Graphic Arts I* with emphasis in the following areas: design and layout, to include work using software such as *PhotoShop* to create original and creative student directed projects. Advanced screen process techniques to include multicolor work and photographic stencil methods. Further study and investigation into the area of photography, as a communication tool, and orientation to other forms of image generation such as Gravure printing will be explored. **This course does not meet NCAA eligibility requirements.**

**Painting I:** 18 weeks – ½ credit

Prerequisite: Art Foundations and/or Adventures in the Arts

Fee: \$18

This is a painting course covering all of the major media: tempera, watercolor, oils, and acrylics. Students will learn how to mix and blend colors, varied techniques of each medium, and work with a variety of subjects. Some art history and appreciation is included in this class. Some reading and writing covering relevant topics required.

**This course does not meet NCAA eligibility requirements.**

**Painting II:** 18 weeks – ½ credit

Prerequisite: Painting I

Fee: \$18

This semester course is a continuation of *Painting I* with special emphasis on watercolor and canvas (oil or acrylic) painting, and the special effects and techniques of both media. Students will be encouraged to experiment with a variety of painting styles. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Painting III:** 18 weeks – ½ credit

Prerequisite: Painting II & Drawing I is recommended

Fee: \$18

This course further develops the artist's mediums of choice. Subjects will include the figure, still life, and personal selections. Some reading and writing covering relevant topics required. **This course does not meet NCAA eligibility requirements.**

**Advanced Placement Studio Art:** 36 weeks – 1 credit

Prerequisite: Permission of Instructor

Fee: \$50

Instructor PERMISSION ONLY-- which MUST include at least Drawing I and Painting I, examples of student artwork/portfolio, with a grade of "B" or better in all related courses, and/or permission (recommendation), of the instructor.

This advanced-level course provides serious art students with an opportunity for intense study and a concentration of work in art. It is taken ONLY with permission from the instructor. Students design their own curriculum; yet follow a rigorous syllabus with the final goal of submitting their portfolios for evaluation. Students may choose one of the following two portfolio-types to submit in May for possible college credit: Drawing or 2-D Design. Expenses for submission of the portfolio are the responsibility of the student. A material fee will be charged. **This course does not meet NCAA eligibility requirements.**

## FOREIGN LANGUAGE

**\*\* Students coming in from other schools must take a placement test for proper course placement. (e.g. Students wishing to take Spanish II without having completed Spanish I at Edgewood or Wooster High School must pass the Spanish I final exam with a B- or better to be admitted to Spanish II.)**

**French I:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$15-18

This course is an introduction to the basic structure. A foundation in pronunciation skills and oral comprehension is established through pattern practices and guided conversation. The differences between French and francophone culture and our own are introduced in the first year primarily through the text, dialogues, recordings, videos, songs, computer activities, special projects, and discussions. Students will be required to purchase a workbook to be used in this course.

**French II:** 36 weeks – 1 credit

Prerequisite: French I

Fee: \$15-18

This course continues the emphasis on oral skills but also expands the student's knowledge of the written language and cultural aspects of the francophone world. Students will be required to purchase a workbook to be used in this course.

**French III:** 36 weeks – 1 credit

Prerequisite: French II

Fee: \$15-18

Through a variety of movies, readings and projects the students learn more of the French and francophone people and their heritage. Students will also enrich their knowledge of expressions and variety of tenses to use in conversation and writing. Prepared readings in French literature are interpreted. Students will be required to purchase a workbook for this course.

**French IV:** 36 weeks – 1 credit

Prerequisite: French III

Fee: \$15-18

This course is conducted entirely in French and encompasses the skills of comprehension, conversation, and writing. The construction of the language is reviewed, works of literature are read and discussed in French, and creative writing is expanded; history and civilization are taught through slides, videos, skits, recordings, guest speakers, lectures and reading. Students will be required to purchase a workbook for this course.

**Advanced Placement French:** 36 weeks – 1 credit

Prerequisite: French IV

Fee: \$15-18

This course combines work in listening, conversation, reading, writing and grammar review. Students use movies, videos, recording, computer programs, current magazines, newspapers and French literature. The course will prepare the student to take the Advanced Placement test in French Language, but the exam is not a requirement. A college text will be used.

**German I:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$15-18

This course is designed to develop basic speaking and writing skills, listening and reading comprehension and basic grammatical structures as well as develop a greater awareness of and appreciation for the culture of German-speaking countries. Students will learn German through the textbook, songs, skits, dialogues, videos, special projects and daily communicative activities. German I students have the opportunity to host a German exchange student from the Friendship Connection. Students will be required to purchase a workbook for this course.

**German II:** 36 weeks – 1 credit

Prerequisite: German I

Fee: \$15-18

This course continues the emphasis of the four language skills; reading, writing, speaking and listening as well as further work with grammatical structures. Students will learn German through the textbook, songs, skits, dialogues, videos, special projects and daily communicative activities. This course stresses interactive skills that present and develop students' German skills in situations that

also give the students greater awareness of the culture of German-speaking countries. German II, III, IV and A.P. students have the opportunity to host and participate in the German exchange program, the Friendship Connection. Students will be required to purchase a workbook for this course.

**German III:** 36 weeks – 1 credit      Prerequisite: German II

Fee: \$15-18

This course is designed for students who have an intermediate level ability in German. This course is conducted primarily in German and builds on the development of speaking and writing skills, listening, reading comprehension, and reviewing major grammatical structures. This course stresses interactive skills that present and develop students' German skills in situations that also give the students greater awareness of the culture of German-speaking countries. Students will also view an authentic German film. German II, German III, German IV, and A.P. students have the opportunity to host and participate in the German exchange program, the Friendship Connection. Students will be required to purchase a workbook for this course.

**German IV:** 36 weeks – 1 credit      Prerequisite: German III

Fee: \$15-18

This course will include the study of more advanced conversation and grammar structures. There will be weekly writing in German. The class will be conducted entirely in German. Students will watch films in German and have the chance to listen to German radio plays. They will also have opportunities to read original German literature and to communicate in depth with German exchange students visiting our school.

**Advanced Placement German:** 36 weeks – 1 credit      Prerequisite: German IV

Fee: \$15-18

This course is intended to prepare the student for the Advanced Placement Examination in German Language. The examination is optional and the student will bear the expenses for the examination. Great emphasis will be placed on all the language skills. It will include a thorough grammar review. Students will have the opportunity to read German literature, see films, write journals, speak to native speakers, sing songs and act in German plays. Students will be required to purchase a workbook for this course.

**International Baccalaureate Certificate Program -- German Ab Initio:** (language B) standard level only

36 weeks – 1 credit      Prerequisite: Minimum of two years high school German

Fee: TBA

**Junior German** – Non-diploma students will be treated exactly the same as diploma students in this class. Students will complete Book I of the *Deutsch Aktuell* program. Students will learn the basics of German grammar, including genders of nouns and plurals, using verbs in the present, past, and future tenses, and the use of cases. Students will be taught to talk about themselves, their homes, likes and dislikes, school, city, country life, food, holidays, work and pleasure, sports and traveling. Focus will be on language acquisition in both years of study. Travel to Germany between the junior and senior year and hosting a German student during our spring break, (Friendship Connection) is highly recommended. Plan to meet at least once during the summer with the class. Chapter tests and daily quizzes will be given both years.

**Senior German** – Students will complete Book II of the *Deutsch Aktuell* program in the first semester. Students will review the first year of German, learn about the comparative and superlative of adjectives, reflexive verbs, imperfect tense, past tense of modal verbs, genitive case, demonstrative pronouns, adjective endings, prepositions after the accusative, dative and two-way prepositions, conjunctions, and verbs with the dative case. Students will be taught to ask about what to do at the airport, on various vacations, about life at home, more about foods and eating, shopping, hobbies and interests, celebration days, communication, health, professions, driving and German young people. During the second semester, the focus of the course will be on speaking, writing, and grammar review. The students will prepare for their internal assessment along with the diploma students. Students will give their oral projects and take their oral evaluation in the spring. Students who have worked hard and do well on the German Ab Initio (language B) exam will receive a certificate of achievement from the IB organization.

**Spanish I:** 36 weeks – 1 credit      Prerequisite: None

Fee: \$15-18

This is an introductory level course. The skills of reading, writing, listening and speaking are developed; proper pronunciation is stressed. The student's goal is to acquire a balance in all of these areas through the support of strong study habits and organizational

skills. Hispanic countries, ways of life, attitudes, and customs are also explored. The student must be able to manipulate grammatical structures by the end of the year. The student will be required to purchase a workbook for this course. It is suggested that a student have a second semester average of "B-" or better in *Spanish I* before advancing to *Spanish II*.

**Spanish II:** 36 weeks – 1 credit      Prerequisite: Spanish I

Fee: \$15-18

This course is a continuation of the concepts learned in Spanish I. Again, the four skills are interdependent, but more emphasis is placed on reading and correct written and grammatical constructions. Culture is also central to the course as Hispanic countries, ways of life, attitudes, and customs are examined. Students will be required to purchase a level II workbook. It is suggested that a student have a second semester average of "B-" or better in *Spanish II* before moving to *Spanish III*.

**Spanish III:** 36 weeks – 1 credit      Prerequisite: Spanish II

Fee: \$15-18

The student will continue the development of the four language skills: speaking, listening, reading, and writing. The third-year student advances to more specialized grammar and communicative functions. Through songs, skits, games, guest speakers, and varied technology, students are challenged to become more proficient in Spanish and more knowledgeable in culture and global citizenship. Students will be required to purchase a level III workbook. It is suggested that a student have a "B-" or better in *Spanish III* before advancing on to *Spanish IV*.

**Spanish IV:** 36 weeks – 1 credit      Prerequisite: Spanish III

Fee: \$15-18

This is a college preparatory (Pre-AP) course designed to be an overall review and expansion of the basic skills mastered in Spanish 1, 2 & 3, as well as introduce the student to the AP Spanish Language Exam content. It is intended, through an in-depth examination of grammar, to continue to increase accuracy and consistency in reading through modern literature, in listening to authentic passages in the target language, in writing expository articles on a variety of topics, and to develop oral proficiency. In addition, the student will develop cultural awareness of famous Hispanic artists and authors through thoughtful analysis of their works. All texts used are at a college level and the level of work expected is the same. Students are required to purchase a workbook.

**Advanced Placement Spanish:** 36 weeks – 1 credit      Prerequisite: Spanish IV

Fee: \$22

This course provides the serious language student with a basic foundation for college level coursework. Not only is it designed to prepare students for the AP exam, it is intended for students who wish to develop their proficiency in all four language skills. Students taking the course, which emphasizes the use of Spanish for active communication, have the following objectives: the ability to comprehend formal and informal spoken Spanish; the acquisition of vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as of modern literature in Spanish; the ability to compose expository passages; and the ability to express ideas orally with accuracy and fluency. Course content encompasses the arts, history, current events, literature, culture, sports, etc. The AP Spanish Language Exam is taken in May each year. The exam is optional but strongly encouraged. Students are required to purchase a workbook and bear the expenses of the AP exam, if taken.

**International Baccalaureate Certificate Program – Spanish:** 36 weeks – 1 credit per year

Prerequisite: Minimum 2 years of high school Spanish

Fee: TBA

This is a two-year course. Students may earn advanced college credit for successful performance on IB examinations. Students may choose HL (higher level) or SL (standard level). At the end of the two-year course, exams are given in May of the senior year. Students should know that college credit is generally awarded for successful HL scores on the exams. Class is held every day for two years, one period each day. In IB Spanish there is a strong focus on fluency, reading, and writing, with much grammar being emphasized junior year, and units done senior year, such as Youth, Health, The Environment, Art and Music, Technology, and others, once again with emphasis on fluency during oral presentations, debates and other activities which engage students in conversations to practice fluency, the major goal of a Lengua B course, which is foreign language course in the IB program, with Lengua A being skills. Hispanic countries, ways of life, attitudes, and customs are also explored. The student must be able to manipulate grammatical structures by the end of the year. The student will be required to purchase a workbook for this course. It is suggested that a student have a second semester average of "B-" or better in *Spanish I* before advancing to *Spanish II*.



## FOREIGN LANGUAGE AUDIT OPTION

Students that have completed any foreign language may opt to change the grade to an audit (with no credit and no grade) and retake the course. It is understood that the grade received the second year will be the grade on record. This option will be available only to students who have demonstrated a consistent effort to complete all course requirements and have their teacher's recommendation.

This option will be at the discretion of the teacher of record. It is strongly recommended that this option be initiated during the last two weeks of a given school year. This option will be binding eight school days after the beginning of the following school year.

### Foreign Language Audit Option Contract

\_\_\_\_\_ Is applying for the audit option in \_\_\_\_\_  
He/she has met the following requirements:

1. Completion of \_\_\_\_\_ with a passing grade.
2. **Teacher recommendation.**

He/she has agreed to the following:

1. To repeat \_\_\_\_\_ during the \_\_\_\_\_ school year.
2. The first year grade will be expunged and an audit will replace it (no grade, no credit).
3. The grade earned in the second year will be the permanent grade on record.
4. This contract will be binding as of the eighth day of the school year.

The principal, teacher, counselor, parent/guardian and student must approve this agreement.

\_\_\_\_\_  
Student Date

\_\_\_\_\_  
Student ID #

\_\_\_\_\_  
Parent Date

\_\_\_\_\_  
Grade

\_\_\_\_\_  
Teacher Date

\_\_\_\_\_  
Counselor Date

\_\_\_\_\_  
Principal Date

## HEALTH AND PHYSICAL EDUCATION

The purpose of physical education is to promote lifetime health and fitness that reduces the risk of heart disease, stroke, diabetes, and other lifestyle health problems. The curriculum is designed to use instruction and assessment that promotes individual selection of physical education offerings to maximize participation. All physical education curriculums will be tied to National Physical Education Standards.

Students must earn a half credit of physical education as part of the graduation requirement. Each semester of *Physical Education* is worth ¼ credit. A student must take two semesters of *Physical Education* to meet the requirement. A student may elect any two semesters to meet this requirement.

Due to Ohio Department of Education policy, education options such as band, varsity athletics, summer baseball, and all other type activities cannot be counted towards the State of Ohio mandated 0.5 Credit.

Students who would be interested in taking summer school physical education are eligible on a first-come, first-served basis. All summer school physical education is based on student interest and availability.

**Health:** 18 weeks – ½ credit Requirement for graduation Fee: \$18

This course is designed to aid teenagers in achieving their goal of good physical and mental health. The course of study will include the causes of disease, symptoms, diagnosis, dangers, prevention and treatment. Emphasis will be placed on the major health problems of the young: alcohol, smoking, drugs, sexually transmitted diseases, and general behavior. The course also will include instructions on CPR and first aid. A fee will be charged for *The Red Cross Standard First Aid* book used in this course. Certification for CPR and first aid can be earned if students meet all requirements.

**Physical Education I and II:** 18 weeks – ¼ credit Prerequisite: None Fee: \$1

Students are required to take two semesters of Physical Education for graduation. This course is designed to allow for student choice in the physical education activities each student is offered. Students will choose activities from a variety of instructors. Activities will be student driven and based on interest surveys. **This course does not meet NCAA eligibility requirements.**

The following are exercise and activity suggestions that may be included in the courses.

Team Sports	Aquatics	Exercise/Conditioning
Basketball	Lap Swimming	Recreational Games
Football	Drowning Prevention	Weight Lifting
Hockey	Water Safety	Walking/Jogging
Volleyball	Water Games	Jump Rope
Softball	Individual sports	Plyometric
Soccer	Racket Sports	Injury Rehabilitation
Speed Ball	Golf	
Ultimate Frisbee	Archery	

**Physical Education Waiver:** Wooster students who complete two seasons of district-sponsored and approved interscholastic athletics, marching band, or cheerleading have the option of waiving the physical education requirement for graduation.

Students will not receive *credit* for these activities; all required credits for graduation, including elective credits are still necessary. With this option, however, students may take other electives in the place of physical education. The PE Waiver request form is located at [www.woostercityschools.org](http://www.woostercityschools.org), click on Forms, and then choose PE Waiver under Wooster High School Forms.

## TECHNOLOGY EDUCATION

The study of technology allows all students to understand and use technology effectively in order to make successful transitions through the K-12 grades to post-secondary education, the workplace, civic/daily life, and to become lifelong learners. Through the application of technical skills, knowledge, processes, and critical thinking skills, learners will become capable problem solvers and creative thinkers who are prepared to adapt to changing environments, educational challenges, and career opportunities. Technology Education is problem solving, critical thinking, design, design analysis, teamwork, motivation, technological literacy, exposure to career practices, activities, visualization, following directions, paying attention, skill acquisition and craftsmanship, quality, pride, safety, materials and materials processing, and accomplishment. It is a subject that helps students become informed about the nature and significance of technology as a prerequisite for effective decision-making.

**Basic Home Maintenance:** 18 weeks – ½ credit      Prerequisite: Permission only.

Through the use of take home projects, this program is designed for students who need an understanding of basic independent living skills related to hand tool use and minor construction techniques. Basic construction projects with wood, a mass production of a product and problem solving exercises will be incorporated to enhance the students' independent living and future employment success. **This course does not meet NCAA eligibility requirements.**

**Manufacturing Technology:** 18 weeks – ½ credit      Prerequisite: Open to grades 10 - 12      Fee: \$20  
**(Adventures in Entrepreneurship)**

**WANT TO BE YOUR OWN BOSS?** Take hold of your future through entrepreneurship. This course will consist of classroom, laboratory and field experiences involving the major aspects of a business enterprise in order to study the technology and the socioeconomic contributions of industry. This will include, but not be limited to, product design, enterprise financing, marketing, sales, and distribution. Students will begin by learning about the different aspects of running a business, followed by the selection of a business to run and delegation of responsibilities. During the production or action phase students will learn about production flow and distribution. Time will be spent outside of the classroom setting on marketing, sales and distribution. **This course does not meet NCAA eligibility requirements.**

**Metal Technology:** 36 weeks – 1 credit      Prerequisite: None      Fee: \$25

An introductory, hands-on course that covers metal terminology, the safe use of metal tools and equipment, various welding procedures, procedures in fastening, techniques of assembling and finishing and manufacturing technology. Required projects will be in the areas of sheet metal, forging, foundry, welding, machining, spinning, bench metal and manufacturing technologies. **This course does not meet NCAA eligibility requirements.**

**Woods Technology I:** 36 weeks – 1 credit      Prerequisite: None      Fee: \$47

*Woods Technology I* is an introductory course that provides the student with a general background in woodworking materials and tooling. Students are taught the correct and safe methods for the use of hand and machine tools in woodworking. Safety is emphasized. The majority of the time is spent on the methods and production of various projects including beginner-finishing techniques. Students will be required to provide a lock to be used in this class. **This course does not meet NCAA eligibility requirements.**

**Woods/Metal Technology II:** 36 weeks – 1 credit      Prerequisite: Wood Tech or Metal Tech I      Fee: \$22

This course is the study of the design and production of higher quality products using wood and/or metal. It includes materials layout, joinery, and problems in construction methods, tools, machines, and advanced finishing techniques. This is an opportunity to further develop an individual's skill and level of craftsmanship. Students will spend most of their time building products of their choice. Students will be required to provide a lock to be used in this class and students are responsible to provide all materials used to build their projects. **This course does not meet NCAA eligibility requirements.**

**Computer Aided Drafting (CAD):** 18 weeks – ½ credit

Prerequisite: None

Fee: None

This is a hands-on class including an introduction to the principles and applications of Computer Aided Drafting Software. Student activities will include the preparation of drawings produced using technology. Suggested for students interested in engineering or related fields. **This course does not meet NCAA eligibility requirements.**

**Principles of Technology I:** 18 weeks – ½ credit

Prerequisite: Algebra I

Fee: TBA

This course provides hands-on experiences in principles and processes essential for the study of the technology systems courses and develops a foundation for students interested in any technical field of study. This course provides a hands-on approach to understanding the fundamental principles and concepts of physics and associated mathematics. Emphasis is placed on understanding mechanical, electrical, fluid, and thermal systems as they relate to work, force, rate, resistance, energy, and power. An introduction will be given to the four areas of technology education: Construction Technology, Communication Technology, Transportation Technology, Manufacturing Technology. Emphasis is placed on problem-solving, design, technical communication, modeling, testing, evaluation, and implications of technology. Activities are structured to integrate physical and social sciences, mathematics, language and fine arts. This course and TSA (Technology Student Association) technical and leadership activities enhance the skills of students interested in pursuing technical, engineering, or science related careers. Algebra I and CAD are recommended prerequisites, but not required. **This course does not meet NCAA eligibility requirements.**

**Principles of Technology II:** 18 weeks – ½ credit

Prerequisite: Principles of Technology I

Fee: TBA

A pre-engineering and science course and a continuation of laboratory-based experiences, students focus on mechanical, electrical, fluid, and thermal systems as they relate to human needs, wants and the manipulation of materials and tools in the four areas of technology. Emphasis will be placed on full execution of the design loop as it pertains to real-world experiences and activities. Activities are structured to integrate science, mathematics, and language arts. This course and TSA activities further enhance the skills essential for success in technical, engineering, and science related fields. **This course does not meet NCAA eligibility requirements.**

## MATHEMATICS

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Integrated Math II	Geometry	Applied Mathematics	Algebra II
Algebra I or Honors Algebra I	Geometry or Honors Geometry	Applied Mathematics (Permission only) or Algebra II or Honors Algebra II	Function, Statistics and Trigonometry or Pre-Calculus (Permission Only) or AP Statistics
Honors Geometry	Honors Algebra II or Algebra II	Pre-Calculus or Function, Statistics and Trigonometry or AP Statistics	AP Calculus AB
Honors Algebra II	Pre-Calculus or Function, Statistics and Trigonometry or AP Statistics	AP Calculus AB	AP Calculus BC

All students need to obtain teacher recommendation for desired course selection. Students will do this by procuring the signature of their current math teacher prior to registration. See guidance counselors for registration form. **Exceptions to these guidelines will be handled case by case. For more information, present case to teacher and guidance counselor for consideration.**

Students who fail a required course shall repeat the course and must earn a passing grade for credit before taking the next required course. Students may also earn credit for a failed required course in summer school. Summer school courses may not be taken in lieu of the regular full-term course at Wooster High School.

The Math Department recommends that college bound students complete four years of high school mathematics. It is important for a student to build upon a good foundation of mathematical concepts. It is therefore suggested that a prerequisite course be repeated if the student does not earn a 73% or higher in the class (see Audit Option page).

**Integrated Math II:** 36 weeks – 1 credit      Prerequisite: Students earning less than a grade C in Integrated Math I Common Assessments      Fee: None

Students with weak mathematic ability will benefit from the algebraic, geometric and graphing skill development. This course will strengthen mathematics skills with arithmetic concepts, solving equations, simplifying radical expressions, and creative problem solving. Students will work at a slower pace to maximize mastering basic skills. **This course does not meet NCAA eligibility requirements.**

**Algebra I:** 36 weeks – 1 credit      Prerequisite: Grade C in Math I Common Assessments and 410 on OAA in grade 8      Fee: None

This course includes topics similar to those covered in *Honors Algebra I* but with less rigor and a strong emphasis on word problems and an investigative approach. This course also meets preparation requirements for college intending students.

**Honors Algebra I:** 36 weeks – 1 credit      Prerequisite: Teacher recommendation      Fee: None

This course is for students who show high ability and interest in mathematics. Students need to have mastered arithmetic concepts and pre-algebra skills. The course content will include solving and graphing solutions of open sentences with one or more variables, simplifying and factoring polynomial expressions, simplifying radical expressions, and creative problem solving.

**Geometry:** 36 weeks – 1 credit      Prerequisite: Algebra I      Fee: None

The course content will include topics similar to those in *Honors Geometry* but with more emphasis on practical, intuitive approaches to solving problems. This course also meets preparation requirements for college intending students.

**Honors Geometry:** 36 weeks – 1 credit      Prerequisite: Algebra I and teacher recommendation      Fee: None

Topics include coordinate geometry, transformations, measurements, areas and volumes, logical reasoning, congruencies, similarities, constructions and trigonometry. This course is for college intending students planning to major in mathematics or science. A strong background in *Honors Algebra I* (B or better) and a strong work ethic is required.

**Applied Mathematics:** 36 weeks – 1 credit      Prerequisite: Geometry and teacher recommendation      Fee: None

This course is a bridge to higher-level mathematics for students who have passed *Algebra I* and *Geometry* with grades of C- or lower. Topics from algebra and geometry will be reinforced, and applications of mathematics in the real-world will be an emphasis. Topics covered in *Applied Mathematics* include solving one-variable equations, solving linear systems, problem-solving with proportional reasoning, writing and interpreting linear equations, representing functions in various ways, applying exponential models to real-world situations, analyzing data, and finding simple and compound probabilities. This course should not be taken simultaneously with any other math course.



**Algebra II:** 36 weeks – 1 credit

Prerequisite: Geometry

Fee: None

This course is designed for college intending students who plan to major in areas other than mathematics or science. *Algebra II* will cover similar topics to *Honors Algebra II* but with less rigor. This is a graduation requirement for all classes starting with 2014.

**Honors Algebra II:** 36 weeks – 1 credit

Prerequisite: Honors Geometry  
and teacher recommendation

Fee: None

*Honors Algebra II* is for students who plan to major in mathematics or science in college. *Honors Algebra II* further develops the topics of *Honors Algebra I*. Topics including sequences, variations, matrices, and conic sections are studied. The student must have a strong foundation of *Honors Algebra I* and *Honors Geometry*. Any student taking *Algebra II* is required to have a Texas Instrument graphing calculator. Texas Instrument (TI-84 Plus) graphing calculators are used for classroom instruction.

**Functions, Statistics and Trigonometry:** 36 weeks – 1 credit

Prerequisite: Honors Algebra II

Fee: None

\*Open to grades 11, 12

This course will enable students to display, describe, transform and interpret numerical information represented as data, graphs or equations. Descriptive statistics, statistical modeling, probability, simulation, are all covered. A major theme of this course is the use of polynomial, exponential, and trigonometric functions to model real world situations. Graphing calculators will be incorporated throughout the course. It is required that students taking this course have a Texas Instrument graphing calculator. Texas Instrument (TI-84 Plus) graphing calculators are used for classroom instruction. *FST* may not be taken after pre-calculus; however, the two courses may be taken simultaneously with teacher permission.

**Pre-calculus:** 36 weeks – 1 credit

Prerequisite: Honors Algebra II and teacher recommendation

Fee: None, Dual credit fee applicable

This is a course in elementary functions including polynomial, rational, irrational, logarithmic, exponential, circular, trigonometric, and inverse trigonometric functions. Techniques in graphing all of these functions along with proper mathematical vocabulary are stressed to promote good mathematical communications. The study of systems of equations, inequalities, complex numbers, sequences and series, mathematical induction and an intuitive approach to the limit will also be a part of the course. As current technology plays a vital role in this course, students are required to have and use a graphing calculator. Texas Instrument (TI-84 Plus) graphing calculators are used for classroom instruction. Students may obtain college credit through dual enrollment.

**Advanced Placement Calculus AB:** 36 weeks – 1 credit

Prerequisite: Pre-calculus  
and teacher recommendation

Fee: AP Test Fee

This course covers those topics normally included in the first semester and part of the second semester courses of calculus at the college level. The course is designed as an advanced placement course so that the student may obtain college credit or placement after successfully writing an advanced placement examination in May. The examination is at the expense of the student, however, it is not a requirement of the course. Although many of the concepts in calculus will be new to the students, the study of calculus requires a thorough understanding of algebra, geometry and trigonometry. The graphing calculator is a requirement in *A.P. Calculus AB*. Those students taking the AP Calculus exam may be exempt from the comprehensive final.

**Advanced Placement Calculus BC:** 36 weeks – 1 credit

Prerequisite: Teacher recommendation

Fee: AP Test Fee

This is a rigorous course covering those topics normally included in the **first** and **second** courses of calculus at the college level. This course is designed as an advanced placement course so that the student may obtain college credit or placement after successfully writing an advanced placement examination in May. The examination is at the expense of the student, however, it is not a requirement of the course. The study of calculus requires a thorough understanding of algebra, geometry, and trigonometry. The graphing calculator is a requirement in *AP Calculus BC*. Those students taking the AP Calculus exam may be exempt from the final exam.

**Advanced Placement Statistics:** 36 weeks – 1 credit      Prerequisite: Algebra II or  
a credit in Honors Algebra II or FST  
and teacher recommendation      Fee: AP Test Fee

**AP Statistics may be taken concurrently with either *Precalculus* or *Calculus*.**

Statistics is a vital, thriving, and exciting field of study. In this age of information technology, it is to the student's advantage to have an understanding of the basic concepts of statistics and have had practice making informed statistical decisions about real data. AP Statistics is a discussion, activity, and project, based course – truly "hands on" in nature. Students will be immersed in real problems to learn to explore, summarize, and display data; design surveys and experiments; use probability to understand random behavior; make inferences about populations by looking at samples from those populations; and make inferences about the effect of treatments from designed experiments. As in real situations, students will be expected to justify the techniques they use, fully explain their process, and interpret their results in the context of the problem. A graphing calculator is required for this course. The IT-84+ is the recommended calculator.

Although taking the AP Statistic exam is NOT a requirement, students will prepare for the exam and will practice the formulas and released free-response questions from the AP Statistics exam throughout the course. Therefore, students are encouraged to take the exam as scoring well on the exam may enable them to either meet their college math requirement or start their college studies at a higher level of placement. Please feel free to contact a member of the mathematics department with any questions.

## MATHEMATICS AUDIT OPTION

Students who have completed a mathematics course may opt to change the grade to an audit (with no credit and no grade) and retake the course. It is understood that the grade received the second year will be the grade on record. This option will be available only to students who have demonstrated a consistent effort to complete all course requirements and have their teacher's recommendation. **Open to all incoming freshman regardless of grade achieved in mathematics.**

This option will be at the discretion of the teacher of record. It is strongly recommended that this option be initiated during the last two weeks of a given school year. This option will be binding eight school days after the beginning of the following school year.

### Mathematics Audit Option Contract

\_\_\_\_\_ is applying for the audit option in \_\_\_\_\_  
He/she has met the following requirements:

1. Completion of \_\_\_\_\_ with a passing grade.
2. **Teacher recommendation.**

He/she has agreed to the following:

1. To repeat \_\_\_\_\_ during the \_\_\_\_\_ school year.
2. The first year grade will be expunged and an audit will replace it (no grade, no credit).
3. The grade earned in the second year will be the permanent grade on record.
4. This contract will be binding as of the eighth day of the school year.

This agreement must be approved by the principal, teacher, counselor, parent/guardian and student.

\_\_\_\_\_  
Student Date

\_\_\_\_\_  
Student ID #

\_\_\_\_\_  
Parent Date

\_\_\_\_\_  
Grade

\_\_\_\_\_  
Teacher Date

\_\_\_\_\_  
Counselor Date

\_\_\_\_\_  
Principal Date

## MEDIA/PRODUCTIONS

This department combines journalism, yearbook, and newspaper into one group of curricula and production-related programs and courses. At the center of this department is a commitment to establish a synthesis of application and academic excellence. Thus, creating a portfolio for future college and/or employment endeavors is a major component for students who want to pursue media/communications courses.

All students wishing to be on the newspaper staff or yearbook staff will be required to have taken one semester of the basic course *Introduction to Media* to be considered for any production level class. This course focuses on the various types of writing and background information required for media.

*Introduction to Media* will count as English credit toward NCAA eligibility requirements. *Newspaper Production* and *Yearbook Production* (all levels) classes do not meet the NCAA eligibility requirements and will count toward elective credit.

**Introduction to Media:** 18 weeks – ½ Credit  
**May be used for ½ credit English elective.**

Prerequisite: Teacher recommendation \*Open to grades 9 - 11

This introductory course combines journalism and mass media and serves as the prerequisite for students who want to be on future production staffs (including newspaper and yearbook) or want an introduction to journalistic writing/communication techniques. As such, the course will cover basic journalistic writing skills and forms to include newspaper, yearbook, and broadcast writing as well as critical thinking/reading skills. Daily newspaper reading, media history, law/ethics, interviewing, current practices/vocation and an understanding of the electronic/broadcast communications field will be covered. Students can expect significant news and related writing assignments and projects related to media to prepare them for future production classes. This course is required, along with application and instructor permission, for all production classes including newspaper and yearbook. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Newspaper I:** 36 weeks – 1 credit Prerequisite: *Introduction to Media*,  
with a grade of C or better and instructor permission

Fee: None

This laboratory-type course produces the WHS student newspaper *The Wooster Blade*. Class size is limited and students must apply. Students will be involved in all the basics of planning, editing, reporting, writing, layout/design, circulation, advertising, sales of advertising, and photography. Intense participation on an active staff is expected and deadlines are a crucial element of the class. After school work and some evenings are required. Keyboard skills are encouraged. This course may be repeated for credit. This is a production class in which meeting deadlines and maintaining regular attendance are essential. Failure to do so could end in grade reduction or removal from class. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Newspaper II:** 36 weeks – 1 credit Prerequisite: *Newspaper I* and instructor permission

Fee: None

Students successfully completing a year in *Newspaper Production I* can take this advanced level opportunity. Staff members will be expected to assume editorial and leadership positions contributing to all aspects of the Wooster production. Staff members will be required to take responsibility for photography, feature writing, advertising campaigns, competition critiques, seminars and generally, direct and supervise along with the adviser, production of *The Wooster Blade*. An expectation of students at this level is that they have a commitment to newspaper/media and some intention to pursue related skills/studies in college or vocation. Development of a portfolio is required. This is a production class in which meeting deadlines and maintaining regular attendance are essential. Failure to do so could end in grade reduction or removal from class. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Newspaper III:** 36 weeks – 1 credit

Prerequisite: Newspaper II and instructor permission

Fee: None

See description for *Advanced Newspaper Production II*. This third level of newspaper production is possible for those students who assume editor status, want extensive pagination/photojournalism involvement, continuation of feature and investigative reporting and may be pursuing collegiate plans in the media/communications field. A portfolio is required. This is a production class where meeting deadlines and maintaining regular attendance are essential. Failure to do so could end in grade reduction or removal from class. **Summer reading is required. This course does not meet NCAA eligibility requirements.**

**Yearbook Production I:** 36 weeks – 1 credit

Prerequisite: Introduction to Media

Fee: None

Creative Writing or Photography and instructor permission

Students will be responsible for the organization, production, and promotion of the school yearbook. Students will be exposed to journalistic photography and writing and will learn the basics of desktop publications. Class size is limited to 20 and students must apply. Applications are available in the high school guidance office. This course may be repeated for elective credit. **This course does not meet NCAA eligibility requirements.**

**Yearbook Production II:** 36 weeks – 1 credit

Prerequisite: Yearbook I and instructor permission

Fee: None

Students enrolling for a second year of yearbook will take on extensive roles in the production of the book. Student editors will be selected as well as layout editors and a business manager. In conjunction with these roles the second year students will serve, with the first year students, as staff writers, photographers, and desktop publishers. Class size is limited to 20 students and permission is given by the advisor to reenter the yearbook course. This course does count as a credit toward graduation, but not an English credit. **This course does not meet NCAA eligibility requirements.**

**Advanced Yearbook Production III:** 36 weeks – 1 credit

Prerequisite: Yearbook II and instructor permission Fee: None

See description for *Yearbook Production II*. This third level of yearbook production is possible for students who assume editor status, want extensive knowledge in desktop publication using InDesign CS3, and journalistic skills. *Advanced Yearbook Production III* students also serve as the leaders of the class taking on mentor roles. *Advanced Yearbook Production III* students should be those pursuing collegiate plans in the media/communications field. This is a production class in which meeting deadlines and maintaining regular attendance during school and at work nights are essential. **This course does not meet NCAA eligibility requirements.**

## MUSIC

**Band:** 36 weeks – 1 credit

Prerequisite: Instructor permission

Fee: Uniform cleaning \$20

Students are admitted to the instrumental music program by permission only. There are several offerings and choices open to band students at Wooster High School. Band placement is determined by student request and faculty assignments, taking into consideration student ability. **This course does not meet NCAA eligibility requirements.**

- **Marching Band:** - The marching band is composed of over 200 members in grades 9-12. This group performs during the football season and acts as a parade group for the community. Participants in Marching Band must have been members of the middle school or senior high band program the previous school year. First year members start practice three weeks prior to the beginning of the school year, and returning students begin two weeks before school opens. All marching band members must attend all performances and one evening rehearsal during weeks of home football games. *Marching Band* is comprised of students from *Freshman*, *Concert* and *Symphonic Bands*.
- **Symphonic Band:** - This group is carefully selected by audition following football season. Students must have been in *Marching Band* to be eligible for this organization. Members must attend sectional rehearsals once a week (Nov. through May), all performances, and extra rehearsals.



- **Concert Band:** - This group is carefully selected by audition following football season. Students must have been in *Marching Band* to be eligible for this organization. Students must attend all sectionals, rehearsals (Nov. through May), all performances, and all extra rehearsals.
- **Freshman Band:** - This group is comprised entirely of grade 9 students with previous experience in the middle school band program. Students must participate in *Marching Band* during football season and parades. Students must audition at the end of football season and attend all sectionals (November through May), rehearsals, extra rehearsals, and performances. **(Fee: \$17)**

**String Orchestra:** 36 weeks – 1 credit      Prerequisite: Instructor permission      Fee: Uniform cleaning \$6  
This group rehearses daily as a string ensemble only. During the course of the school year, the strings and wind players are combined for a full orchestra experience. The purpose of this course is to acquaint students with orchestra literature of the highest quality, performance being the main goal. Performance opportunities include various concerts, festivals, and contests. String players are expected to participate in all performances and extra rehearsals. **This course does not meet NCAA eligibility requirements.**

**Concert Choir:** 36 weeks – 1 credit      Prerequisite: Instructor permission      Fee: Uniform cleaning \$7.50

Concert Choir is open to students in grades 9-12. This course will include the development of the singing voice, music-reading, choral performance practice, and listening skills, and the performance of a wide variety of repertoire for SATB choir. All students must attend one after-school rehearsal each week, and participation in all performances is required. **This course does not meet NCAA eligibility requirements.**

**Jazz Band:** 18 weeks – ½ Credit      Prerequisite: Instructor permission      Fee: None

*Jazz Band* is comprised of 15 - 30 wind and percussion players. Music studied is from the Big Band Era to the present, encompassing all areas of jazz, including swing, fusion, rock, etc. Instrumentation consists of saxophone, trumpet, trombone, piano, bass, drums, (guitar) and percussion. Students need to also be enrolled in band to be in jazz band. Auditions will also be required for participation in the group. **This course does not meet NCAA eligibility requirements.**

**Music Theory and Practice:** 18 weeks – ½ Credit      Prerequisite: Instructor permission      Fee: \$57

*Music Theory and Practice* is designed for students who are interested in further exploration of music principles. The purpose of this course is to acquaint students with the basic design of music; how to build chords, music composition, etc., all within a historical context. Materials such as staff paper, score paper, solfege materials, and workbooks must be purchased at the students' expense. This course is extremely valuable to students thinking of a career in music. Prior knowledge of music reading is needed for this class. **This course does not meet NCAA eligibility requirements.**

## SCIENCE

### Science requirements for graduation:

Regular diploma: Three credits including *Physical Science* and *Biology*.

Honors diploma: Four credits including *Chemistry* and *Physics*.

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> or 12 <sup>th</sup> Grade
Physical Science I and II	Biology I and II	Conceptual Chemistry (year) Conceptual Physics (year) Astronomy (semester) Botany (semester) Geology I (semester) Zoology I (semester)
Physical Science I and II	Biology I and II <i>Can take concurrently:</i> Astronomy (semester) Geology I (semester) Geology II (semester)	Chemistry CP (year) Physics CP (year)  (recommend one or both above, and/or electives below)
Honors Physical Science I and II <i>Can take concurrently:</i> Astronomy (semester)	Honors Biology (year) AP Biology (year) <i>Can take concurrently:</i> Chemistry CP (year) Physics CP (year) Astronomy (semester) Botany (semester) Geology I (semester) Geology II (semester) Human Anatomy I (semester) Human Anatomy II (semester) Zoology I (semester) Zoology II (semester)	Electives: AP Biology (year) AP Environmental Science (year) AP/IB Physics (year) Conceptual Chemistry (year) Honors Chemistry (year) Chemistry CP (year) Physics CP (year) Astronomy (semester) Botany (semester) Geology I (semester) Geology II (semester) Human Anatomy (semester) Human Anatomy II (semester) Zoology I (semester) Zoology II (semester)

## PHYSICAL SCIENCE

**Physical Science I and II:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$5

Earth & Matter – 1<sup>st</sup> semester, a laboratory course in physical science emphasizing matter and its interactions, as it relates to earth and space. The course emphasizes learning by discovery through the development of science skills and lab techniques. Student progress will be evaluated to determine proper course placement. Energy & Motion – 2<sup>nd</sup> semester, a laboratory course in physical science emphasizing energy, forces, and motion. The course emphasizes learning by discovery through the development of science skills and lab techniques. Student progress will be evaluated to determine proper course placement.

**Honors Physical Science I and II:** 36 weeks – 1 credit

Prerequisite: Algebra I (grade B or better)

Fee: \$5

Honors Algebra I (grade C or better) and grade 8 teacher recommendation

This course offers more rigorous and in-depth laboratory course in physical science, emphasizing energy, forces, and motion. The first semester emphasizes matter and its interactions, as it relates to earth and space. The course emphasizes learning by discovery through the development of science skills and lab techniques. This course requires more independent reading, higher math skills,

and responsibility to handle a more demanding homework load. Student progress will be evaluated to determine proper course placement.

**Conceptual Physics:** 36 weeks – 1 credit      Prerequisite: Biology      \*Open to grades 11, 12      Fee: \$5

This course is designed for students who do not plan to major in science or a science related field and requires only basic math skills. It emphasizes the basic principles of physics and problem solving. This is a comprehensive physics course that is taught at a conceptual level.

**Physics CP:** 36 weeks – 1 credit      Prerequisite: Biology and Geometry (grade C or better)      \*Open to grades 11, 12  
Geometry (grade B or better)      \*Open to grade 10      Fee: \$5

Designed to prepare students for college level work in physics. Topics include Newtonian mechanics, fluid mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics. Equal emphasis will be placed on theory, problem solving, and laboratory investigations as well as using principles of physics to explain real world products and applications.

**Physics AP/IB:** 36 weeks – 1 credit      Fee: \$5 + Testing Fees  
Prerequisite: Physics CP, Chemistry CP or Honors Chemistry and Algebra II (grade B or better)      \*Open to grades 11, 12  
Honors Algebra II (grade A or A+)      \*Open to grade 11

Designed to be equivalent to a first year college physics course. Topics include Newtonian mechanics, fluid mechanics, thermal physics, electricity, magnetism, waves, optics, atomic, and nuclear physics. Equal emphasis will be placed on theory, problem solving, and laboratory investigations. This course culminates in the AP Physics Exam administered in the spring that enables students to obtain college credit. AP Physics can also be taken for IB Physics SL certificate. Students are **not** required to take the AP or IB Physics exams.

**Conceptual Chemistry:** 36 weeks –1 credit      Prerequisite: Biology      \*Open to grades 11, 12      Fee: \$5

This is a laboratory course designed for students who do not plan to major in science or a science related field and requires only basic math skills. The course is designed to help students to realize the important role that chemistry plays in their lives; to use societal questions and decision making activities to explore the principles of chemistry. The goal of the curriculum is to present to the students the needs and the skills to acquire technical knowledge to make intelligent decisions for themselves and for the communities in which they belong.

**Chemistry CP:** 36 weeks – 1 credit      Fee: \$5  
Prerequisite: Honors Algebra (grade C or better) or Algebra (grade B or better)      \*Open to grades 11, 12  
Honors Algebra (grade C or better)      \*Open to grade 10

This is a college preparatory course that involves a detailed study of matter, its composition and properties, solutions, equilibrium, organic chemistry, and nuclear chemistry. This course uses skills in scientific inquiry and problem solving skills that will also involve the use of factual knowledge. Emphasis is placed on making a variety of scientific measurements and solving mathematical problems. The material presented in this course is designed to prepare students for college level work in the area of chemistry.

**IB Chemistry:** 2 years – 2 credits      Fee: TBA  
Prerequisite: Honors Biology and either Honors Algebra (grade C or better) or Algebra (grade B or better)      \*Open to grades 11, 12

This is a two year course that is central to the students understanding of the physical and biological world around them. The course is heavily laboratory based with hands on approach to problem solving. Topics covered include: atomic theory, periodicity, bonding theory, thermodynamics, types of reactions, solutions, organics, and a watershed project in conjunction with the biology class. The course will help the students develop independent thinking, problem solving, math, and laboratory skills required for a successful college experience. **At the end of the second year the IB Standard Level Test must be taken.** *IB Chemistry* is an every other day double period and must be taken concurrently with IB Biology.

## LIFE SCIENCE

**Biology I and II:** 36 weeks – 1 credit

Prerequisite: None

Fee: \$5

A course emphasizing ecological principles, cell structure and function, inheritance, evolution, the diversity of life, and issues in the living world. The course emphasizes learning by discovery through the development of skills and lab techniques. Student progress will be evaluated to determine proper course placement.

**Honors Biology I and II:** 36 weeks—1 credit

Prerequisite: Physical Science and teacher permission .

A more rigorous and in-depth course emphasizing ecological principles, cell structure and function, and inheritance. The second semester emphasizes evolution, the diversity of life, and issues in the living world. The course emphasizes learning by discovery through the development of skills and lab techniques. This course requires more independent reading, and responsibility to handle a more demanding homework load. Student progress will be evaluated to determine proper course placement.

**Advanced Placement Biology:** 36 weeks –1 credit

Fee: \$30

Prerequisite: Biology I and II, and teacher recommendation \*Open to grades 10 – 12, Chemistry CP recommended to be taken concurrently

**Note:** Due to the rigor of this course and the time needed for laboratories, additional class/lab time will be required. Designed to offer the high school student the equivalent of a collegiate first year biology course. Topics include genetic technology, evolution, biochemistry, animal and plant physiology, and taxonomy. The large amount of reading and pace of the course requires the student to devote considerable time and effort to mastering concepts presented. Laboratory work provides the student with experience in a variety of advanced laboratory techniques that supplement understanding of coursework. The culmination of the coursework is the AP Biology Test administered in May. Performance on this test may enable the student to obtain college credit in biology.

**IB Biology:** 2 years – 2 credits

Prerequisite: Honors Biology and teacher permission

Fee: TBA

\*Open to grades 11 and 12

The purpose of the two-year biology program is to actively engage students in the systematic problem solving of science through the understanding, use and application of the scientific method. It intends to reinforce student familiarity with the process of formulating and testing hypothesis regarding underlying mechanisms of biological phenomena. This course will be a laboratory based, problem solving, hands-on approach to the study of biology. Instructions will be student centered with cooperative learning as well as teacher directed, thus offering the student a college level biology experience. Course topics in the junior year will include organic molecules, cells, enzymes, respiration, photosynthesis, mitosis, meiosis, DNA, RNA and human anatomy, in which a fetal pig will be dissected. The senior year will include topics such as evolution, populations, classification plants, and ecology. A long-term creek study in conjunction with chemistry will be conducted over the two-year period. *IB Biology* must be taken concurrently with *IB Chemistry*. Both classes meet every other day for two hours and are taken over a two-year period. At the end of the second year, the **IB test must be taken as a requirement of this course.**

**Applied Botany:** 18 weeks – ½ credit

Prerequisite: Biology I and II \*Open to grades 11, 12

Fee: \$15

or grade 10 concurrently taking Honors Biology and instructor permission

The emphasis of this biology course is on plant culture, plant anatomy and plant physiology as learned through the actual growing of plants. Students will receive extensive hands-on experiences growing and maintaining plants in both greenhouse and outdoor settings. Topics include but are not limited to: flower and vegetable gardening, commercial plant production, Ohio's woodlands and prairies, Ohio's agricultural and fruit production, and soils.

**Human Anatomy and Physiology I:** 18 weeks – ½ credit

Fee: \$10

Prerequisite: Biology (grade B or better) or Honors Biology (grade C or better) \*Open to grades 11, 12 or grade 10 concurrently taking Honors Biology and instructor permission

The course of study will provide students with an understanding and appreciation of the structure and function of the human body at all levels: cellular, tissue, organ, systemic and the whole human organism. It will include discussions, laboratory work, related readings and field experience as allowed. The course is designed to meet the needs of students who want to gain a deeper understanding of the human body, especially those who plan to pursue medicine and other health related careers in their future.

**Human Anatomy and Physiology II:** 18 weeks – ½ credit

Prerequisite: Human Anatomy

Fee: \$10

and Physiology I (grade C or better)

A continuation of *Human Anatomy and Physiology 1* with emphasis placed on systems not covered in *Human Anatomy and Physiology 1*. This course culminates in a detail of dissection of the fetal pig and a student designed physiology research project. This course will be offered during the second semester only.

**Zoology I:** 18 weeks – ½ credit

Prerequisite: Biology \*Open to grades 11, 12

Fee: \$8

or grade 10, concurrently taking Honors Biology and instructor permission

This advanced biology course is the study of the Invertebrate Animal Kingdom with emphasis on vocabulary, taxonomy, anatomy, physiology, and evolution. This course is designed for the serious minded biology student who wishes to pursue their studies in biology in preparation for college.

**Zoology II:** 18 weeks – ½ credit

Prerequisite: Zoology I (grade C or better) \*Open to grades 11, 12 or instructor permission

Fee: \$8

This advanced biology course is the study of the Vertebrate Animal Kingdom. It will place an emphasis on vocabulary, taxonomy, anatomy and physiology. This course is designed for the serious minded biology student who wishes to pursue their studies in biology in preparation for college.

## EARTH AND SPACE SCIENCE

**Astronomy:** 18 weeks – ½ credit

Prerequisite: Honors Algebra (grade C or better) or Algebra (grade B or better)

Fee: None

This course emphasizes astronomy with a few key concepts in a lab-based format. Using measurements and observations, science concepts are explored and applied. Historical information is included to provide a foundation in which to explore astronomy and show how we observe the universe from earth. Concepts include the sky, distances, sizes and angles, light, paths of planets, gravity, the solar system, and stars.

**Advanced Placement Environmental Science:** 36 weeks – 1 credit

Prerequisite: Chemistry CP

Fee: TBA

Conceptual Chemistry, (grade B or better)

concurrently taking Chemistry CP or Honors Chemistry

Designed to offer the high school student the equivalent of a collegiate first year environmental science course. Topics include laboratory work that provides the student with experience in a variety of advanced laboratory techniques that supplement understanding of coursework. The culmination of the coursework is the AP Environmental Science Test administered in May. Performance on this test may enable the student to obtain college credit in biology.



**Geology I:** 18 weeks – ½ credit      \*Open to grades 11, 12      Fee: None  
\*Open to grade 10, completing Physical Science and instructor permission

This is a one-semester course investigating the dynamics of the Earth in such areas as volcanoes, mountain building, erosion, rock and mineral formation, glaciation, and fossils. A major part of the course will be to correlate these topics with the theory of plate tectonics.

**Geology II:** 18 weeks – ½ credit      Prerequisite: Geology I (grade C or better) or instructor permission      Fee: None

A study of historical geology and Earth systems and processes, such as streams and landscapes, earthquakes, glaciers, mountain building, geomorphology, structural geology, mapping, interpretation and resource exploration. This course will be offered during the second semester only.

## ADDITIONAL SCIENCE OPTIONS THROUGH TRI-COUNTY ESC

**Marine Biology:** 18 weeks – ½ credit      Prerequisite: Instructor permission      Fee: TBA

The Tri-County Educational Service Center administers this course. All sophomores, juniors and seniors in high schools of Wayne, Holmes, and Ashland Counties are eligible for this program. Acceptance to this course is by application only and the class is limited to a small number. Students will receive evening instruction for 12 class sessions beginning in January. The class will include in-depth studies of the ocean environment with emphasis on its living inhabitants and their ecological relationships. Coral reef, mangrove and sea grass habitats will be explored extensively. The course includes a six-day field study in Key Largo, Florida in the spring.

Students must have completed 9th and 10th grade science (or are currently enrolled) and met the application criteria required for acceptance by the Wayne County Board of Education. **There is a significant fee involved in taking the course.**

**Western Field Studies:** 12 weeks – ½ credit      Prerequisite: Instructor permission      Fee: TBA  
\*Open to grades 10 -12

The Tri-County Educational Service Center administers this course. All sophomores and juniors in high schools of Wayne, Holmes, and Ashland Counties are eligible for the program. Acceptance to this course is by application only and the class number is limited. Students will receive evening instruction for seven class sessions beginning in early April. Course work and field studies emphasize the history of westward expansion, geography and geology of the western landscape, and ecological relationships of the Rocky Mountains and mid-continent prairies. The course includes an all day local field trip, and a week-long field study to Wyoming at the Teton Science School in Grand Teton National Park. Students must have successfully completed ninth grade science and meet the criteria as outlined by the Tri-County Board of Education. **There is a significant fee involved in taking this course. Offered Spring 2013 and alternate years.**

## SOCIAL STUDIES

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> or 12 <sup>th</sup> Grade
<u>Required</u> World Studies	<u>Required</u> US History or AP US History (Permission only)	<u>Required</u> American Government (semester) or Honors American Government (year) AP American Government (year) (Permission only) <u>Electives:</u> AP European History (year) Classical Middle Ages (semester) Contemporary Issues (On-line, by permission only) Holocaust and the Dangers of Indifference (semester) Psychology (semester) Sociology (semester) World Geography (semester)

**World Studies:** 36 weeks – 1 credit.

Prerequisite: None

Fee: None

The course will examine the intermingling of Eastern and Western cultures from 1500 to the present and how various historical periods have shaped our modern world cultures. Topics such as Imperialism, Enlightenment, Nation Building, Industrialization, the 20th century wars, and the Cold War will be examined.

**U.S. History:** 36 weeks – 1 credit.

Prerequisite: World Studies

Fee: None

After a review of our founding documents and reconstruction, the first semester of this course will be spent studying the history of the United States beginning with the Industrial Revolution while identifying the changes from this era that persist today. At this point, students will take a closer look at the social reform movements that followed the industrial and agricultural revolutions and the closing of the frontier in 1890. The first semester will conclude with a focus on Imperialism and the Progressive Era leading up to World War I. The main emphasis of the second semester will be to focus on the dawning of the 20th Century. An exploration of major events confronting our nation at the turn of the century and our emergence on to the world stage in World War I will be the starting point. From there the course will focus on the Roaring Twenties and the stock market crash. After examining the tragic events of the Great Depression, the focus will be on World War II and its aftermath, as students will have the opportunity to investigate the sweeping post-war changes on American ideas, ideals, and human values as our nation is propelled into the Cold War years. In the latter part of the semester students will have the opportunity to focus on the U.S.-Soviet relationship during the Cold War, the advances in science and technology embodied in the space race, U.S. foreign policy issues and involvement in Vietnam, the civil rights movement of the 1960's, and more recent issues relating to the current role of the United States in the post-Cold War Era as it leads to the dawn of the 21st Century.

**Advanced Placement U.S. History:** 36 weeks—1 credit.

\*Open to grades 10 -12 and instructor permission

Fee: AP Test

**Note: Grade 10 may take A.P. U.S. History in lieu of U.S. History by permission only.**

The AP program in US History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in US history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship. An AP US History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. (<http://www.collegeboard.com/student/testing/ap/>) All AP US History students are expected to take the College Board AP exam given in May.

Students are required to take a semester of *American Government* and an additional elective (18 weeks-1/2 credit) to complete the requirement of three social students credits.

**American Government:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course analyzes the structure, operations, and philosophy of American government. There shall be an emphasis on the establishment of the Constitution, the understanding of federalism, the political party system, the electoral process, and the three branches of government (legislative, executive, and judicial). Students will learn the functions, powers, and the making of laws of Congress; presidential powers and the making of foreign policy; and the organization of the federal court system and its relationship to civil rights issues. The four great “isms” (capitalism, socialism, fascism, and communism) will also receive attention.

**Honors American Government:** 36 weeks – 1 credit \*Open to grades 11, 12

Fee: None

This course is designed for motivated students interested in analyzing and understanding the Constitution, political philosophies, federalism, political parties, as well as the structure, organization and evolution of the American system of government. Much of the course involves applying our knowledge of government to contemporary domestic, foreign, and political issues. Honors American Government can be substituted for the standard American Government Course. Additional studies of contemporary issues will be discussed.

**AP American Government and Politics:** 36 weeks – 1 credit

\*Open to grades 11, 12

Fee: AP Test

This course is for the college bound student and is designed to prepare students for the AP examination in *American Government*. The course will provide an in-depth study of the American political system and will consist of readings and analyzing political literature of John Locke, Charles Beard, Henry Steele Commager, and James Madison. The course will examine the Constitution, federalism, political parties and elections, Congress, the Presidency, the Judiciary and civil rights, and the growth of bureaucracy. *Advanced Placement American Government* will fulfill the graduation requirement for Government and three credits of Social Studies. It would be helpful to have a background in advanced placement work and skill in taking notes.

## Social Studies Electives

**Advanced Placement European History:** 36 weeks – 1 credit \*Open to grades 11, 12

Fee: AP Test

The study of European history since 1450 introduces students to cultural, economic, political, and social development that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretations, and (c) an ability to express historical understanding in writing. The AP European History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. All AP European History students are expected to take the College Board AP exam given in May.

**Classical and Middle Ages**—18 weeks—1/2 credit.

\* Open to grades 11, 12

This course fills the gap of the early history of Europe that is not covered in World Studies. The first nine weeks will begin with the rise of the Greek City states, growth of democracy, clash between the Athenians and Spartans, the Persian Wars, and the decline of the city-states and the rise of Alexander the Great and the Hellenistic Age. Also the Greek culture will be examined with a focus on scientific and philosophical contributions with emphasis on reason, moderation, and the role of the individual, and conclude with Greeks by investigating Greek drama, art, architecture, and major philosophies and their contributions to Western Civilization. The course will then examine the Roman Republic, the Roman Empire and the Pax Romana. It will also explore Roman achievements in the arts, architecture, engineering, philosophy, and law, and then conclude by analyzing the reasons for the decline of the Roman world. The second nine weeks examine Europe after the fall of Rome focusing on Germanic tribes, the Christian Church,

Charlemagne, and the development of feudalism. The focus will then begin on the High Middle Ages with the revival of agriculture, world. The second nine weeks examine Europe after the fall of Rome focusing on Germanic tribes, the Christian Church, trade, business practices, growth of towns, and the rise of the middle class. There will be an examination of the growth of England and France, the division of the Italian and German states, the growth of papal power, and the development of the Crusades and the Spanish Inquisitions. The course will conclude with the revival of learning and medieval achievements in literature, art, church architecture (Romanesque and Gothic), and the influences of medieval civilization on modern thought, and time allowing, a brief view of the Byzantine culture.

**Contemporary Issues:** 18 weeks – ½ credit.

\*Open to grades 11, 12

Fee: None

**(Blended Learning Course Only)**

This course gives students the opportunity to explore issues that will ultimately shape their lives. Students will use news magazines, TV and radio news broadcasts as well as speakers and documentaries to examine and understand compelling and significant contemporary issues and events. Every effort will be made to examine and understand compelling and significant contemporary issues and events. Every effort will be made to examine issues from a variety of perspectives in order to develop a well-rounded understanding of each local, national and international issue examined.

**The Holocaust and the Dangers of Indifference:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This elective semester course uses the methods of the humanities - inquiry, analysis and interpretation- to explore the roots of religious, racial and ethnic hatreds and their consequences. By using the Holocaust as a case study to show the deadly consequences of unexamined prejudices, unfaced fears and unchallenged lies, important connections are then made to other examples of hatreds such as the Darfur and Rwandan genocides. Students will move from learning to think critically, to making informed judgments and ultimately to make the essential connection between history and the moral choices they confront in their own lives. This course may incorporate group discussion, speakers, readings, audiovisual support, individual reflection, response journals and a class project designed and implemented by the students to help build a more "civil society". A class field trip to the U.S. Holocaust Museum in Washington D.C. may be arranged if there's sufficient interest.

**Psychology:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course is designed as an introduction to the science of behavior and mental processes. It covers the historical development of psychology including the theories of Wilhelm Wundt, Jean Piaget, Erik Erikson, Ivan Pavlov, Sigmund Freud, and Carl Jung. Psychology explores human development in depth from infancy through adolescence and early, middle, and late adulthood. It offers perspectives on key topics in the field including sensation, perception, learning, personality, and psychological disorders. Classroom exercises emphasize understanding self and others and applying psychological techniques and principles to everyday tasks and challenges.

**Sociology:** 18 weeks – ½ credit

\*Open to grades 11, 12

Fee: None

This course is an introduction to the field of sociology covering such areas as the study of human relationships and social behavior. Topics to be explored in the course will include morality, class status, prejudice, television, effects of media on the family, dating/relationships, the 1950's, 60's, 70's and 80's, stages of adulthood, aging in America, crime/violence, racial/ethnic relations, gender equity/sexuality, and marriage, as well as other contemporary topics. The course is designed to be of benefit to the college bound as well as students planning to go directly to the world of work, emphasizing the application of sociological techniques and principles of learning to everyday living.

**World Geography:** 18 weeks – ½ credits

\*Open to grades 11, 12

Fee: None

This course is the study of the interaction of living things with their environment and the ways in which the structure of the earth determines human activities and cultural development. As geography explores the ways that economic, cultural, political, natural, and physical processes relate in a global system, it holds the key to a comprehensive understanding of the conflicts and challenges that face the world today. The course is designed for the student who is not only interested in the "where's" and "who's" but also the "why's" and "how's" of the human physical patterns of the earth.

## SCHEDULE CHANGE NOTICE

(Read carefully)

**ALL REQUESTS for schedule changes will be governed by the following guidelines for the 2012-2013 school year.**

1. Students will receive verification of registered courses by the end of May.
2. Students will have until June 1 for a "Change of Mind" schedule change. Review both first and **second** semesters.
3. After **June 1, only** the following changes will be allowed during the first eight (8) days of school and the first three (3) days of second semester.
  - a. Upgrading your schedule – adding a class in place of study hall
  - b. Dropping a class because of "No" study hall
  - c. Level change – Teacher Recommendation only  
(Example: Honors Geometry to Geometry or Foreign Language level adjustment.)
  - d. A sound educational reason as evaluated by the guidance counselor and/or building administrator

The following scheduling procedures also apply:

1. A full time student, according to Board of Education policy 5460, is required to take six courses per quarter whether or not those credits are needed for graduation. The exceptions are work study, PSEO, and the College of Wooster program students.
2. Students will receive a "WF" on their transcript for courses dropped after the posted deadlines. The exception to this is approved level changes. In unusual cases the administration may change the student's schedule and record a "W" for those courses dropped after the deadline.
3. Students will not be permitted to change to a different teacher for the same course without the consent of the Principal. This rarely allowed change would only be made in extreme circumstances.

**Please use the following form after reviewing the above policy, or pick up a form in the Guidance office.**

Students: Please initial

\_\_\_\_\_ As a student athlete, I am responsible for meeting all NCAA/OHSAA requirements. I have discussed with my guidance counselor and athletic director how the outcome of this schedule change will impact the NCAA/OHSAA requirements and my eligibility. Students-athletes must be enrolled and pass five courses in order to obtain five credits (Physical Education, College of Wooster courses and PSEO courses do not count.)

### SCHEDULE CHANGE FORM

Name \_\_\_\_\_ Grade \_\_\_\_\_ Student ID# \_\_\_\_\_

Class to Drop \_\_\_\_\_

Class to Add \_\_\_\_\_

Reason for Change \_\_\_\_\_

Present study hall period \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Counselor Signature \_\_\_\_\_ Date \_\_\_\_\_

Teacher's Signature (Level change only) \_\_\_\_\_ Date \_\_\_\_\_